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WALLACES' FARMER AND Iowa Homestead

Good Farming Clear Thinking Right Living

Do You Want your son to be a farmer? Or your daughter to be a farmer's wife? Most parents, like the Kenneth Landgrafs, Sac county, Iowa, still would pick farming if they had the choice to make again. And they think it's the right business for their sons. They aren't so sure about their daughters. See what they say on page 23.

Why Do Girls Leave Farm?

Extra Work Does Not Mean More Corn . . . Page 5

Do You Understand the Market Reports? . . . . Page 8

There's Wrong Way to Wean Pigs . . . . . Page 17

THREE-FOURTHS of the farmers of Iowa think the greenest grass is on their own side of the fence.

That's what they said when the Wallace-Homestead Poll asked: "If you had your life to live over, would you choose to be a farmer (or a farmer's wife)?"

But what about the youngsters? Dad is inclined to take a look at tractors, hay balers and corn pickers, and say: "Sure, I want my son to be a farmer."

Mothers aren't so sure about daughters. Less than half want their girls to be farmers' wives.

Why? For typical comments of farm women, turn to page 23.

MAY 3, 1947

IOWA'S LEADING FARM NEWSPAPER

Like Other Champion Farmers, CREIGHTON BROTHERS Use

Firestone CHAMPION GROUND GRIPS

CREIGHTON BROTHERS, like other leading farmers everywhere, consider Firestone Champion Ground Grips a "must." They know the value of tractor tires that clean up to 100% more effectively . . . pull up to 62% more . . . last up to 91% longer under extreme conditions . . . and roll more smoothly over highways.

Patents permit only Firestone to make tractor tires with the curved, connected traction bars which give Champion Ground Grips their superiority. Curving the bars improves cleaning, gives them more effective penetration, and increases their strength. The Triple-Braced bars eliminate rapid wear from bending and wiping, and give the tires a "center bite" in the heart of the traction zone. And, instead of bouncing from bar to bar as is so true with broken center tires, Champion Ground Grips remain in smooth, continuous contact with the highway.

When you order new tractor tires, or a new tractor, specify Firestone Champion Ground Grips . . . the tires that outclean, outpull, outlast, and give a smoother ride. They cost no more than ordinary tractor tires.

Listen to the Voice of Firestone every Monday evening over NBC

Ten million eggs! Three-quarters of a million chicks, many pedigreed, shipped to 22 states and several foreign countries! That is the number Hobart and Russell Creighton, Warsaw, Indiana, will sell this year from 60,000 White Leghorns housed last fall. Not always so large, their business has grown from a few hundred quality chicks bought on credit in 1925. Their progressive breeding, management and marketing program has so influenced the poultry industry in Kosciusko County, Indiana, that it today ranks first nationally in the production of market eggs. Their leadership extends to state and national affairs. Hobart Creighton, elected to eight terms in the House of Representatives of the Indiana General Assembly, served the last three as Speaker. He is President of the Poultry and Egg National Board. To keep his appointments, he flies his own plane. For their numerous contributions to the betterment of agriculture, both Hobart and Russell Creighton were among the first to be elected to membership in the Champion Farmers Association of America.

Left, Hobart Creighton; right, Russell Creighton

OUTCLEANS OUTPULLS OUTLASTS

AND TAKES A "CENTER BITE"

THE FIRESTONE TIRE & RUBBER COMPANY, AKRON, OHIO: Please send me a copy of "Creighton Brothers . . . Champion Farmers," explaining how they raise White Leghorns.

Name.....

Address.....

City.....State.....

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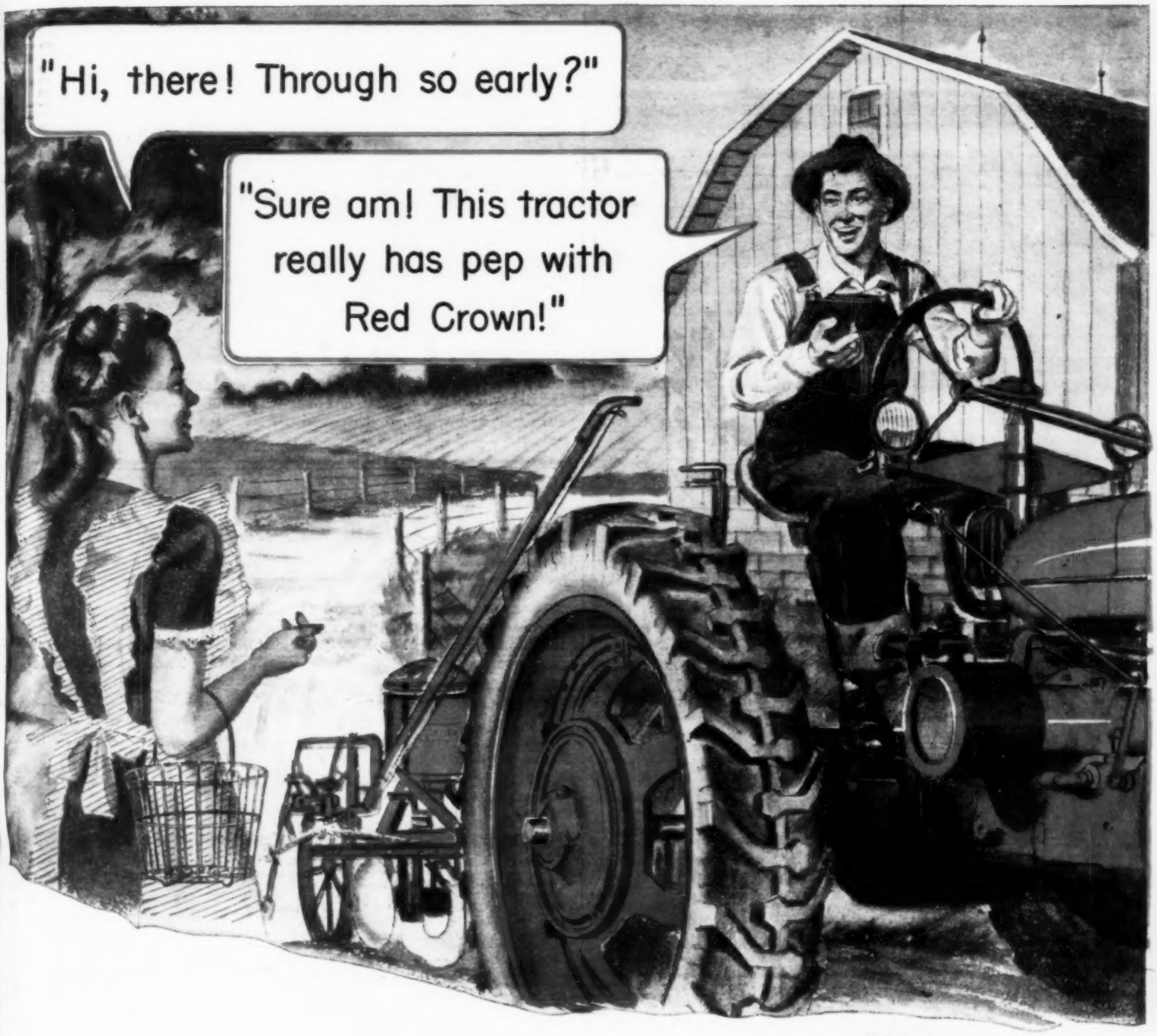


Recipe for making time

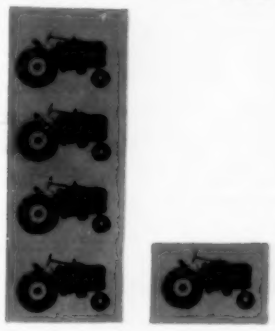
Yes, you can breeze right along, you can really make time—if your tractor's tank is filled with power-packed Standard Red Crown Gasoline.

For you'll find Red Crown gives you ready power at the *first sign* of heavy going—the instant the governor opens the throttle.

And this quick-acting power, plus Red Crown's fast starts and warm-ups, means valuable working time saved... and heavy jobs finished *sooner.*

So to make real time, have your Standard Oil Man supply you with this great gasoline!

STANDARD RED CROWN GASOLINE



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...4 to 1 choice for 2-fuel tractors

Midwest 2-fuel tractor owners—users of fuel heavier than gasoline—choose Standard Power Fuel by a margin of 4 to 1 over any other brand of volatile distillate. For Standard Power Fuel gives good starting under normal conditions, fast warm-up, smooth idling and full power. It's a real money-saver.

*Standard Power Fuel is sold throughout all the states in which Standard Oil Company (Indiana) markets its products, except in Colorado, Wyoming, and Nebraska.

STANDARD SERVICE

STANDARD OIL COMPANY

WALLACES' FARMER AND IOWA HOMESTEAD. May 3, 1947 (Volume 72, No. 9). Published first and third Saturdays of each month, by the James M. Pierce Corporation, Des Moines, Iowa. Subscription price, two years for One Dollar. Entered as second-class matter October 19, 1929, at the post office in Des Moines, Iowa, under the act of March 3, 1879. Copyright, 1947, by the James M. Pierce Corporation.

with the
ALL-CROP HARVESTER
"Successor to the Binder"

Risking your whole year's work and investment in a single crop is no longer necessary. Nor is it sound farming.

The All-Crop Harvester handles a wide variety of crops that mature at intervals from spring till snow flies. You have money coming in during three seasons instead of one.

Early clovers and grasses open the harvest season in late spring and early summer... followed by summer-ripening grains ... then fall seed crops, sorghums and soybeans... netting you several harvest paydays before Christmas. This one home-owned machine harvests them all.

The All-Crop Harvester's wide, rubber-faced bar cylinder with its finger-tip speed control gives you a choice of over 100 crops. Crops that not only diversify your income but improve the fertility and productiveness of your entire farm.

★ Many legume and grass seeds qualify for the 1947 conservation payments of $3.50 per acre. Market prices per bushel are also excellent for most seeds.

TO BETTER LIVING
TO BETTER FARMING
TO MORE PROFIT

ALLIS-CHALMERS
TRACTOR DIVISION — MILWAUKEE 1, U. S. A.

SCRAP IRON BADLY NEEDED!

Production of farm machinery is being curtailed by the dwindling amount of scrap from farms. Sell every pound you can find—now.

Some Iowa Oat land could not be seeded and will be put into beans or corn, but Jim Jorgensen, Wright county, Iowa, got his oats in. He sowed his 30 bushels of certified Clinton first.

INSIDE STUFF

YOU MAY NOT get blown up in the next world war, the war of the atomic bomb. You may just get poisoned quick.

▲ ▲

IS THAT GOOD news? Late reports indicate that the economical way to kill people is not to drop bombs on them. Just scatter radio-active dust over the rivers and along the beaches.

▲ ▲

THAT MEANS anybody dies who drinks from the streams. Fix the 'Coon river above Des Moines and that will wipe out every person who turns on a water tap in the city.

▲ ▲

HARBORS can't be used. All shipping will be stopped. Of course, there will be a few bombs, too. Maybe it's easier to get blown up.

▲ ▲

AS THEY DIE painfully, some of those folks—you may be one of them—will ask: "Why didn't somebody tell us it would be like this?"

▲ ▲

WILL THE NEW loans to Greece and Turkey head off the next war—the atomic war—or make it come quicker? Congressmen continue to ask questions.

▲ ▲

NATIONAL polls showed that Americans are concerned about what may happen next. Many don't like the notion of sending arms and military advisers to Greece and Turkey.

▲ ▲

AMERICANS don't trust either Greek or Turkish governments. National Opinion Research Center Poll asked: "Would you favor sending American civilian experts over to Greece to help supervise the uses to which this money will be put?" And 83 per cent said "Yes."

▲ ▲

IT'S HARD for two nations to know what each is talking about. Apparently, it is hard for two groups in one country to talk the same language, too.

THE MAY American Magazine is advertising an article on "Do We Baby the Farmer Too Much?" The magazine declares:

▲ ▲

"WHILE congress bickers about balancing the budget, Uncle Sam continues to spend billions each year to pamper the farmers. Need a new roof, a loan, expert business advice, a guaranteed price for your product?

▲ ▲

"WELL, if you're a farmer"—this is still the American Magazine speaking—"you can get all this and more—and the tax-payer will foot the bill."

▲ ▲

THIS WILL SEEM like a bad joke to farmers, but some city people may believe it. That's too bad for both the farm and the city.

▲ ▲

FOLKS WHO pay high prices for food and don't know much about farm legislation, actually think the government is keeping hog prices above twenty dollars.

▲ ▲

IF ANYBODY springs this on you, tell them the support price for hogs right now is $15.25 at Chicago. Just how does that make hog prices what they are at this minute?

▲ ▲

WHAT CITY PEOPLE find it hard to understand is that farmers are anxious to get supports for later on, but not now.

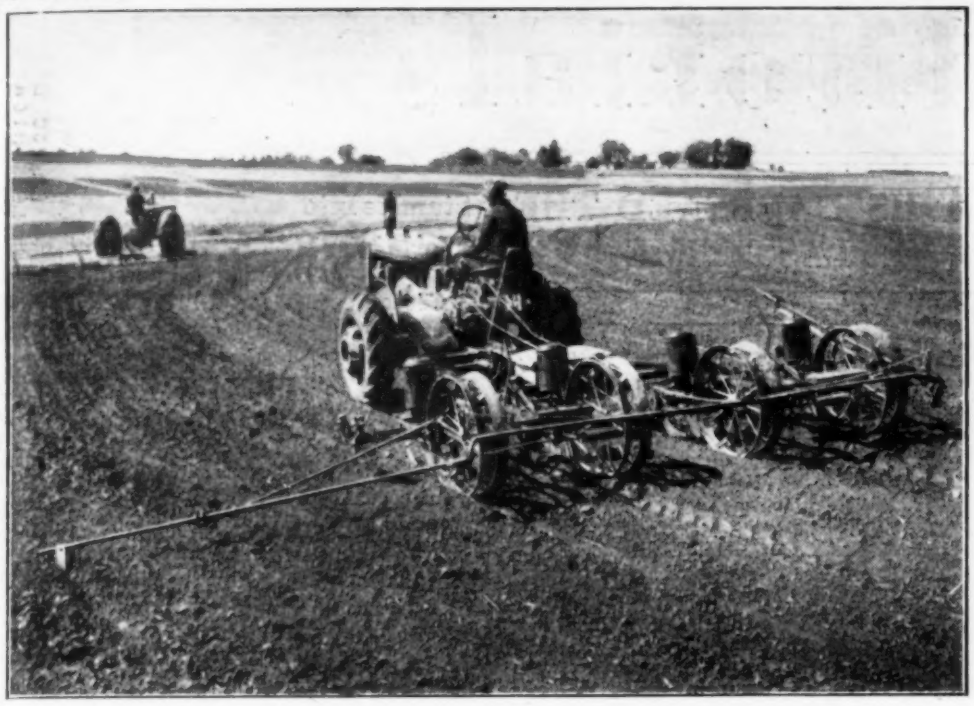
▲ ▲

ONLY MAN I saw in the field on a 300-mile trip one day last month was a farmer in Poweshiek county, Iowa. The rain was dribbling down his face, but his tractor was turning over blue grass sod anyway. He looked very wet and very gloomy.

▲ ▲

THEY SAY oat yield is cut nine bushels when the crop is planted after April 21. But if we get the corn in on time, no one will worry much about the oat crop.

DONALD R. MURPHY.



Planter follows disk and harrow closely on this Jasper county, Iowa, farm. That gives the corn an even start with the weeds. These contoured rows won't wash out.

Tricks In Raising Corn

The "Know-How," Not Extra Work, Makes Big Yields

WHEN someone produces a big yield of corn, you often hear neighbors say: "Why, he didn't put any more work on that land than I put on mine."

The neighbors are often right. The man who grows more than 100 bushels of corn per acre may have done less disking, harrowing and cultivating than the man who raises only 50 bushels per acre.

It isn't extra work to get big crops of corn. Anyone could "work" it out. Big crops come from having the "know-how."

Planning rotations and use of manure and fertilizers are a large part in securing big corn yields. You can't do much about that for this year's corn acres. But there are some tricks you can use right now.

One hard-working corn grower has a system he always follows in putting in in his corn crop. It goes like this:

First, he plows all the land before any disking and harrowing begins.

Then he disks. The spike-tooth drag harrow is used lengthwise and crosswise. The corn is planted and then harrowed again. It looks like a finished job.

That's more work than most farmers do in planting corn. But this man often has weedy corn. He can't understand why. As usual, a neighbor knew why.

"His work lacks timing," the neighbor said. "He wears the land out harrowing and disking. But he doesn't relate these operations to the times when the rains come and the weeds sprout."

That raises the question, Why do we disk and harrow fields? What is it we are trying to do for the corn field?

To break clods, corn growers say. To make the soil compact so it will hold moisture to sprout the corn. And to kill weeds that compete with corn.

One harrowing on freshly plowed land is worth two when the top soil is dry. One harrowing right after a rain also has extra value. Harrowing just before a rain may do actual harm.

For destroying weeds, timing is also important. One harrowing just as grass starts is as good as both disking and harrowing after grass and weeds have had a week to get set.

Weather calls the tune for corn growers. No system will work every year. Sometimes fields need no disking at all. Other times the disk and weeder should replace the harrow almost entirely.

The hard-working farmer, who rushes his crop into the ground, is likely to do too little thinking at planting time. A corn planter is rather a complicated and delicate machine. It needs attention.

"I always test to see how many kernels the plates are dropping before I take the planter to the field," said one farmer. It sounded a little as if he was bragging.

"Then I set the lever in the third notch from the front. That plants the corn at the right depth."

You can plant 40 acres a day with a four-row planter with that system. But getting the right kind of a stand is one of the tricks in corn growing.

Is the yard test reliable for indicating how thick the planter will drop the corn? Some corn growers claim it is not. Here is what they say:

More corn will crowd into the planter plates on hard ground that shakes corn down, than on soft ground in the field. Therefore, the field test is best.

But one test for the planter plates is never enough. Big kernels may collect in the bottom of the box and planting rate will be cut down. Corn may vary slightly in size of kernels. Therefore, the drop should be tested every day, and certainly at each time the corn variety is changed.

Is there a depth that is always right for corn to be planted? Yes, but not in inches, according to many corn growers.

Plant the corn just deep enough to reach moisture, so it will come up evenly. If the ground is wet to the top, plant just deep enough to cover evenly, and so the corn won't be harrowed out.

Shallow planted corn may come up several days quicker than deep planted corn. A smaller number of kernels will rot if the ground gets wet and cold. Insects have less time to work on shallow planted corn.

Shallow or deep planting has no effect on the depth of the corn roots after the stalks have developed. Lodging is not affected by the depth of planting. These statements are confirmed by experiment station work.

It's nice to plant the last row and then feel that the corn is taken care of until it is big enough to cultivate. But the good corn grower never gives the weeds a chance.

You will see some corn growers down on their knees in the corn field every few days after the corn has been planted. They are watching the sprouting of the weeds maybe even more than the sprouting of the corn.

If weeds are coming up, that's the time to hit them. Most corn growers use the harrow if weeds and grass have just started. The harrow won't hurt the corn even if it is spiking thru the ground.

Just keep the tractor wheels off the rows as much as you can, but think about the weeds, don't worry about the corn.

If the weeds get a start, the spike-tooth harrow won't do the job. Then the rotary hoe is used by many farmers. Some blind cultivate.

Blind cultivation is good under some conditions. Cultivator shovels or sweeps will tear out perennial weeds that the harrow or rotary hoe won't touch. But you've got to plan for blind cultivation.

The planter marks must be left to follow with the cultivator. For that reason, blind cultivation can only be used on level land or on contoured rows. Exposed rows up and down hillsides may wash out.

You may not get 100 bushels per acre if you follow all the successful corn growers' tricks. But you ought to get as much corn as the fertility in your land and the weather will make possible.

Straight rows look nice on level ground. But even stands of corn come from planting the seed at the proper depth and being sure that the plates fit the corn.

Editorials

Just Twice Farm Income In 1929

"SUPPOSE eggs are 30 cents a dozen," said Oscar Johnson, of Marshall county, Iowa, to a group of farmers the other day. "Then they go up to 40 cents. Everybody feels good.

"But suppose eggs are 50 cents. They drop to 40 cents. Everyone feels terrible.

"But both times the eggs were worth 40 cents."

Farmers need to remember this if the prediction of a 20 per cent drop in farm income should come true this fall or next year.

That sounds terrible, doesn't it?

Iowa farmers had a cash income of 1,793 million dollars in 1946. Take 20 per cent off that and what do you have?

Just 1,440 million dollars.

Remember that Iowa farmers took in only 793 million dollars back in 1929—the boom year.

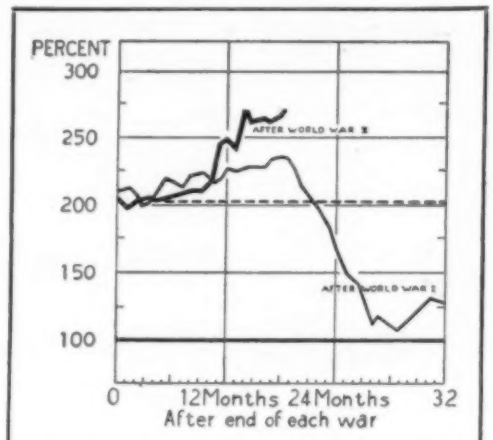
We thought that 1941 was a good year. But Iowa farm income only hit 718 million. And 1943 was in the war boom, but Iowa farm income was only 1,280 million.

So you see what a 20 per cent cut would do. It would cut Iowa farmers clear down to twice their 1929 income, and to 160 million dollars more than their 1943 income.

But Iowa farmers would still take in between a billion and a billion and a half.

Farmers need to make long-range plans to maintain farm income at decent levels. But they needn't get scared about a cut of 20 per cent.

THIS HAPPENED THE LAST TIME



Prices received by farmers (1909-14 equals 100) after Nov., 1918, and after Aug., 1945

Farm product prices aren't going to drop as fast as after World War I.

But look at the chart above, anyway. The light line shows the way prices acted after the close of World War I.

The heavy black line shows how farm product prices have been acting since the close of World War II.

Now look at the dotted line across the chart. That is the line where the Steagall amendment supports are to take hold. We didn't have Steagall supports in 1920.

We Could Stumble Into World War III

THE season is late, the days are long. A fellow comes in tired, drops asleep in his chair after a late supper.

Greece seems far away. The urgent thing is to get the crops in, and to see that the little pigs keep dry and well.

Yet what the United States does over in Greece may affect what your pigs will bring, what your taxes will come to, and whether someone will be shooting at your youngest boy a few years from now.

Wallaces' Farmer and Iowa Homestead has pointed out the risks in what is called the "Truman doctrine" in foreign policy.

Now see how Walter Lippman sums up the argument in his syndicated column. Lippman says:

"The case of Greece illustrates concretely the basic fallacy of the Truman doctrine in its present uncorrected, unqualified and unbalanced form. It is that the expansion of the Soviet Union and the spread of Communism can be checked by subsidizing all the governments, parties, factions which are most undeniably anti-communist.

"A policy of this kind is bound to fail because it commits us to an alliance with the most reactionary forces in the world and alienates the moderate and democratic forces. . . .

"If we conduct the Truman policy on the principle that whoever is most vehemently against the Soviets is our friend and ally—and in his heart a Jeffersonian democrat — we shall separate ourselves from the masses of the people almost everywhere.

"We shall have embraced the extremists of the right as against the extremists of the left, when it is our interest and our duty to align ourselves with the middle and the moderate parties."

Congress is making a lot of changes in the Truman policy before approving the loans abroad. That's fine. And farmers should watch closely to see what is done.

We can stumble into World War III if we don't use our heads.

Is Blood Black or White?

MAYBE you'll think this is a silly question. We asked it, anyway, in a Wallace-Homestead Poll.

Even earlier, the National Opinion Research Center had asked the same question of a national cross-section.

Here is the question:

"As far as you know, is Negro blood the same as white blood, or is it different in some way?"

In the NORC national survey, the answers came out like this:

The same	42 per cent
Different	31 per cent
Don't know	27 per cent

Iowa farm people were better informed. The Wallace-Homestead Poll showed:

The same	49 per cent
Different	18 per cent
Don't know	33 per cent

SCHOOLING made a difference here. Farm people who had gone beyond the eighth grade had 56 per cent in the "same" group. Those who hadn't gone beyond eighth grade only had 38 per cent

As most farm people know, the experts all say that blood of Negroes and white people is the same.

Four commonly known blood types all appear in the blood-streams of white, Negro, Mongol and all other races.

Blood plasma from any man of any color can be used on a man of any color. A blood transfusion from a person of Blood Type 1 will work with a recipient who also has Blood Type 1. It doesn't matter about skin color.

A FARM woman in Tama county, Iowa, summed up the scientific evidence this way: "Negro blood is the same as any other. The color or pigment in the skin makes a difference in skin color, but not in blood."

A farmer in Kossuth county said: "Negro blood is just the same as white blood —it's all red."

This question about Negro blood is not important in itself. It does indicate, however, that some of us may have a feeling that one race is somehow basically different and better than other races.

A member of the Ku Klux Klan is apt to be dead sure that Negro blood is different from white.

FOLKS who aren't sure of themselves try to look down on somebody else. It makes them feel better.

That's why we have lynching parties, anti-Semitism, Klans and attacks on American war veterans whose ancestors came from Japan.

Wallaces' Farmer and Iowa Homestead congratulates Iowa farm people on being more sensible and better informed on such things than most people.

But we still could do a lot better.

How Many Hogs To Pay Teacher

"WHEN rural teachers are in normal supply," writes George Leffler, of Van Buren county, Iowa, "I am convinced they won't work for a monthly wage less than the value of 750 pounds of butcher hogs.

"If you say that last year's hog prices set this year's salary, what the teachers ask now would be about that rate. Hogs at 25 cents this year would make a rate of $187.50 per month next year."

But Leffler, a farmer with a passion for figuring out the relation of farm product prices to taxes, interest, teacher's pay, etc., would probably add that when hogs go down to 10 cents, the teacher's pay should drop to $75 a month, too.

Leffler, and some other farmers, have a hunch that if the governor's salary, the tax rate, teachers' pay and a lot of other things, went up and down with the price of hogs, more people than farmers would take a deep interest in hog prices.

Pigs Are Getting Horse Feed Now

IOWA is raising more hogs than back before World War I. But Iowa has more feed. And not just because of the higher yields of hybrid corn.

Iowa has more hog feed because the state has fewer horses. The feed that used to be eaten by the horses that have disappeared can fatten about four million hogs a year.

You've heard about one-horse farms. Well, Iowa farms are two-horse farms now.

In January, 1947, Iowa had 207,000 farms and 427,000 horses and mules. That is just about two per farm.

Back in 1914, we had eight-horse farms. Then we had 217,000 farms and 1,773,000 horses and mules.

With tractors replacing six head of work-stock per farm, there is more feed for making meat and milk. A horse at work will eat one-third of a bushel of corn per day, or its equivalent in oats.

The grain eaten by one work horse or mule would feed out three or four 250-pound barrows. At that rate, the decline in horses and mules makes possible the keeping of 1,200,000 extra dairy cows in Iowa. Or it would let us feed out four million extra hogs.

That's where part of Iowa's increased food production is coming from.

Supports 'Way Below Market

HOG support prices do not mean much now. They will some day. But here are the supports the U. S. Department of Agriculture announced lately:

May 3 to June 21, $15.25; June 21 to June 28, $15.50; June 28 to July 5, $15.75; July 5 to July 12, $16; July 12 to July 19, $16.25; July 19 to July 26, $16.50; July 26 to August 16, $16.75; August 16 to September 6, $17; September 6 to September 29, $17.25; September 29 and 30, $17.

Odds *and* Ends

HOW many more acres of corn and soybeans will you have this year than you planned a month ago? Late spring cut oat acreage on many farms.

HALF of the GI students at the University of Iowa say they couldn't go to college without government aid. Yet 67 per cent of these folks had above average grades. It may be a permanent system of help for gifted students would make sense.

CONGRESS is trying to make up its mind about paying off on the national debt or cutting taxes. Iowa farmers, in a Wallace-Homestead Poll, long ago came out for heavy payments on the national debt.

IOWA farmers paid heavy federal income taxes, too, this year. But they had the money to pay. What gripes farmers is heavy property taxes when they are short of cash.

SOME city folks are complaining that food prices are high because the government is spending a lot of money to keep such prices up. Potatoes, dried skimmilk and—until lately—eggs are getting some help, but nothing else.

HOGS would be supported now, according to law, at $15.25. The consumer is paying on the basis of $20 hogs, and the market is not getting a nickel's worth of federal help.

WHAT farmers do want is an appropriation that will permit help for farm product prices later when they do drop. No farmer wants help for the hog market now.

FUTURE egg prices are looking better. Those farm women who stocked up on pullet chicks this spring are going to do all right. There's still time to get a few more.

LABOR union men in Iowa marched on the state house recently, to oppose the bill prohibiting the closed shop. Farmers were reminded of the old days when farm crowds stormed the capitol to demand moratorium legislation.

FARMERS got some labor support in those demands, but there wasn't much farm help for the labor protest against the ban on the closed shop.

ON THE day Secretary Anderson announced a support price of $15.25 for hogs at Chicago, hogs actually brought $23. Yet some city folks complain federal support is keeping pork prices high.

SOYBEANS will be a fair price next fall, but the futures market indicates that the November price may be 30 per cent lower than present figures. That's still good money.

THERE'S a lot of corn in the world this year. Last year's crop was the biggest in history. Mexico, like the United States, did better than usual.

MEXICO reached a total of 92,500,000 bushels last year. The Argentine crop looks like it may hit close to 300 million bushels—about half Iowa's crop.

ONION set growers, in Wisconsin, complain that their cooperative organization set prices too high, priced the farmers out of the market. With prices too high, consumers wouldn't buy, and the sets are a dead loss.

ANY group can price itself out of the market. Business does it at times. So does labor. And many farmers, looking at current prices for some food products, are worrying a little themselves.

KEEP selling surplus corn when you get a chance. Unless the season turns off very bad, prices will be considerably lower after the next harvest.

LATE spring used up a lot of extra grain feed and hay. But most corn belt farmers had plenty of both. In other sections, some gaunt stock had to be turned out on short pastures.

POOR cows are worth more as beef than as milkers. Cull the dairy herd while the market is still paying good prices for culls.

PIG losses were heavy in some counties this spring. Push along the pigs that are left. Minerals, protein and vitamins will get them to market quicker.

FARMERS have 5 per cent fewer chicks on hand this spring than last year. But stronger egg prices may encourage buying more late-hatched pullets.

Song of the Lazy Farmer

I CAN NOT understand the fear that most folks have this time of year; they seem to think the world will stop if they don't keep right square on top of farm work in the barn or field. This morning my fool neighbor squealed, "I can't afford to stop at all or I won't have a crop next fall, I must be out before the light and in the field 'til late at night." And then when it began to rain he had another awful pain; why, if tomorrow isn't dry, poor neighbor will break down and cry, or sell his farm and move somewhere that weather's always clear and fair.

It seems to me that it's a crime to waste so dog-gone much good time a-fussin' and a-stewin' 'round for fear you can not work your ground. If there was not a man on earth there still would never be a dearth of plants just 'cause the spring was wet; old Mother Nature would just set around until the rain had quit, you'd never see her throw a fit, and ev'rything would germinate no matter if the spring was late. So I refuse to get upset because my ground ain't ready yet; I'll get it done somehow, you'll see, and, meanwhile, I can rest, by gee.

Do You Guess---

Which market will bring the most money for hogs and cattle? The article on this page tells how to figure it out.

But there are other questions:

1. **Does direct selling end competition in livestock marketing?**
2. **Or, does competition between the markets replace competition at one market?**
3. **Is market information now reaching you as good as it should be?**

Future articles will deal with these questions. Help us to write these articles by sending us letters on any of the questions.

Which Market For Fat Stock?

Here Is Comparison Between Stockyards And Direct Selling

WHAT is the best way to sell fat cattle, hogs and sheep? Ship to stockyards? Sell direct to packers? Sell to local buyers? Or sell to concentration yards?

Farmers want to sell fat stock as high as they can. And every buyer is trying to buy meat animals as cheap as he can. It's a battle between buyer and seller.

Farmers may lose the battle if they don't study the mechanics of marketing. The war market will end sometime. Then farmers will need to know how to sell.

More than price is involved in marketing livestock. There is shrink, costs at point of sale, freight and feed charges en route. The highest price doesn't always bring the biggest net return.

Let's look over four of the most commonly used methods of selling fat stock. Corn belt experiment stations made a survey of these markets just before the war. They have not changed much.

1. The public stockyards was the leader when the war market began, and still is. These central markets got 62 per cent of the slaughter cattle, 37 per cent of the hogs, and 52 per cent of the sheep and lambs for slaughter.

At public markets, farmers ship to commission firms. Stock is yarded in pens owned by the stockyards company. The weighing is done by government men. Animals are fed and watered before being weighed. They go to the high bidder.

A man who ships to terminal markets pays freight, commission for selling, feed and rent on the yards used. There are other smaller charges.

2. Direct sales to packers account for about 13 per cent of slaughter cattle, 23 per cent of hogs and 18 per cent of slaughter sheep and lambs.

A farmer who sells direct to the packer pays freight or trucking charge. There is no commission and no charge for feed or yardage. Stock is weighed without being given feed or water in more than 90 per cent of the cases.

3. Dealers in livestock buy 10 per cent of the cattle, 13 per cent of the hogs and 7 per cent of the sheep and lambs, according to the corn belt survey.

The dealer buys livestock for profit. He often sells to packers. But he may sell to local butchers, or send odds and ends to public markets.

Trucking is the only cost when livestock is sold to dealers. Usually, the fat stock is weighed immediately on arrival, without feed or water.

4. Concentration yards get about 5 per cent of the cattle, 15 per cent of the hogs, and 10 per cent of the sheep and lambs.

A concentration yard is an assembly point. Fat stock can be sorted and reloaded. Double-deck cars may make a saving on freight, and particular grades of stock can be sent where wanted.

About one-third of the concentration yards are owned by packers. Privately owned yards are much like large dealers.

Animals at concentration yards usually get no feed or water before weighing.

Auctions, cooperative shipping associations and local butchers purchase some fat stock. But the question for farmers, who sell 90 per cent of the stock, is this:

How do I tell whether to send fat stock (1) to stockyards markets, (2) to packers direct, (3) to local dealers, or (4) to concentration yards?

Comparisons are difficult. But we could begin by looking at costs on the most-used method—the stockyards market. Here's a record of a shipment from Montgomery county, Iowa, to the Omaha market:

Ten light hogs weighed 1,690 pounds. Trucking cost $3.13; yardage, $1.70; corn, one bushel, $1.60; insurance, $1; hog inspection, 10 cents; meat board, 4 cents; commission, $2.50. Total freight and selling cost was $10.07, or 59 cents per cwt.

From the same farm, the costs to a Shenandoah, Iowa, concentration yard, on 36 hogs weighing 8,480 pounds, was as follows: Trucking, $6.12; insurance, $2.52; meat board, 12 cents. Total cost was $8.76, a little over 10 cents per cwt.

If the hogs had gone to a local buyer, there might have been no insurance cost (or protection) and no deduction for meat board. But the example shows about the cost differences between stockyards and other markets.

But difference in cost is only part of the story. Prices are usually higher at public markets. And fat stock is fed and watered before weighing. Shrink from farm to market affects the net return, but is hard to figure.

How much does fat stock shrink when hauled 50 miles to market, then fed and watered and weighed some time in the forenoon? How would this shrink compare with that at markets where stock is weighed at once without feed or water?

No expected amount of shrink can be applied in every case. Shrink depends on weather, distance hauled, method of handling stock, and other things.

Each farmer has to calculate shrink by weighing at home, or such other tests as he can devise.

After shrink has been estimated for all market points, here is a way to judge as to which is the best place to ship stock.

Find the selling costs at each market available to you. This will be on your old sales slips. Reduce the costs to cents per cwt.

Then estimate the shrink to each market. Reduce shrink to cents per cwt. also. For example, if the shrink on a 200-pound hog is four pounds, that's 2 per cent. On $25 hogs at 2 per cent, the shrink cost would be 50 cents per cwt.

Add together cost per cwt. at each market for freight, selling costs and shrink. Write it down. Then you are ready to read the market reports, listen to the radio or call up the buyer or commission man.

The livestock buyer usually knows more about the market than you do. But you can meet him on even ground if you are familiar with the marketing costs to each market.

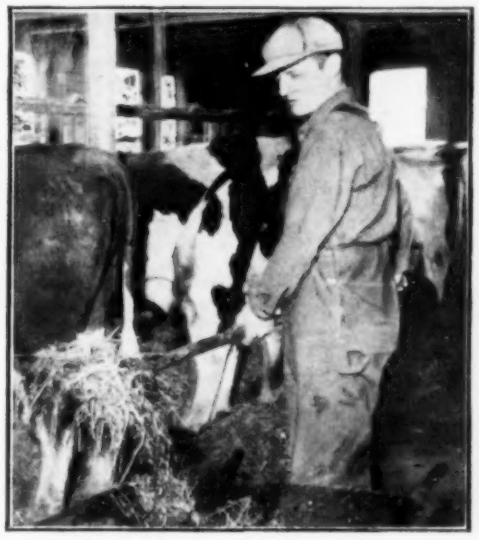
1—Dairy Farmer Paul Behn, like all men who milk cows, starts his day early. The alarm clock summons him before daylight to start usual morning chores on his 320-acre Holstein farm in Winneshiek county, Iowa. Actual milking starts at 5:50 a. m., with the second milking beginning at 5:50 p. m.

2—First Job in Behn's busy day is the feeding of his 28 high-producing cows. Here he pours ground corn and oats into the feed trough. Grain is brought in wheelbarrow from adjoining feed room.

Day On Dairy Farm

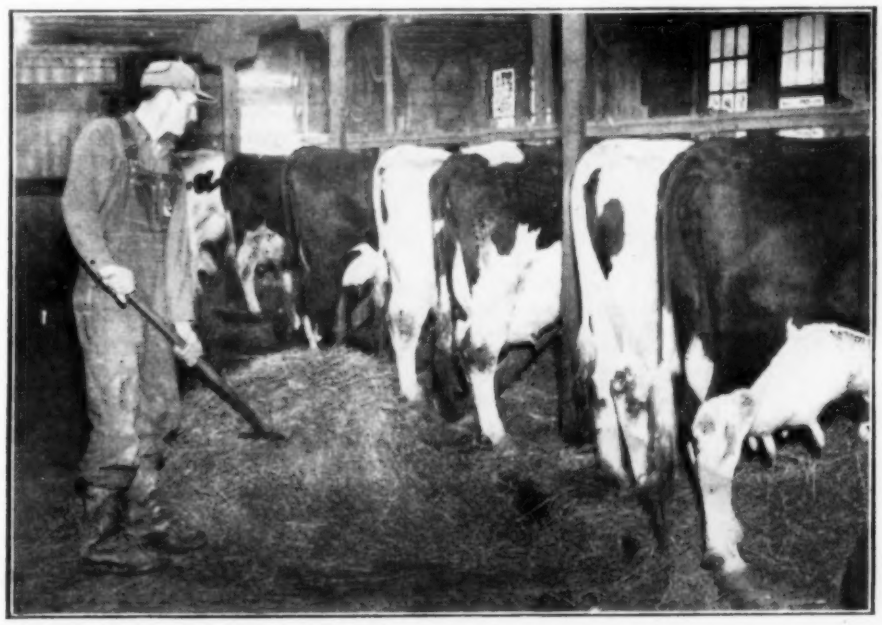
3—Then Comes the actual milking. Mrs. Behn washes the udders with warm water. Paul attaches milker. He uses late-model, three-unit electric machine.

4—Clean-Up time finds Mrs. Behn washing equipment in a modern milk room attached to side of barn. Paul feeds hay to cows, then heads for his own breakfast.

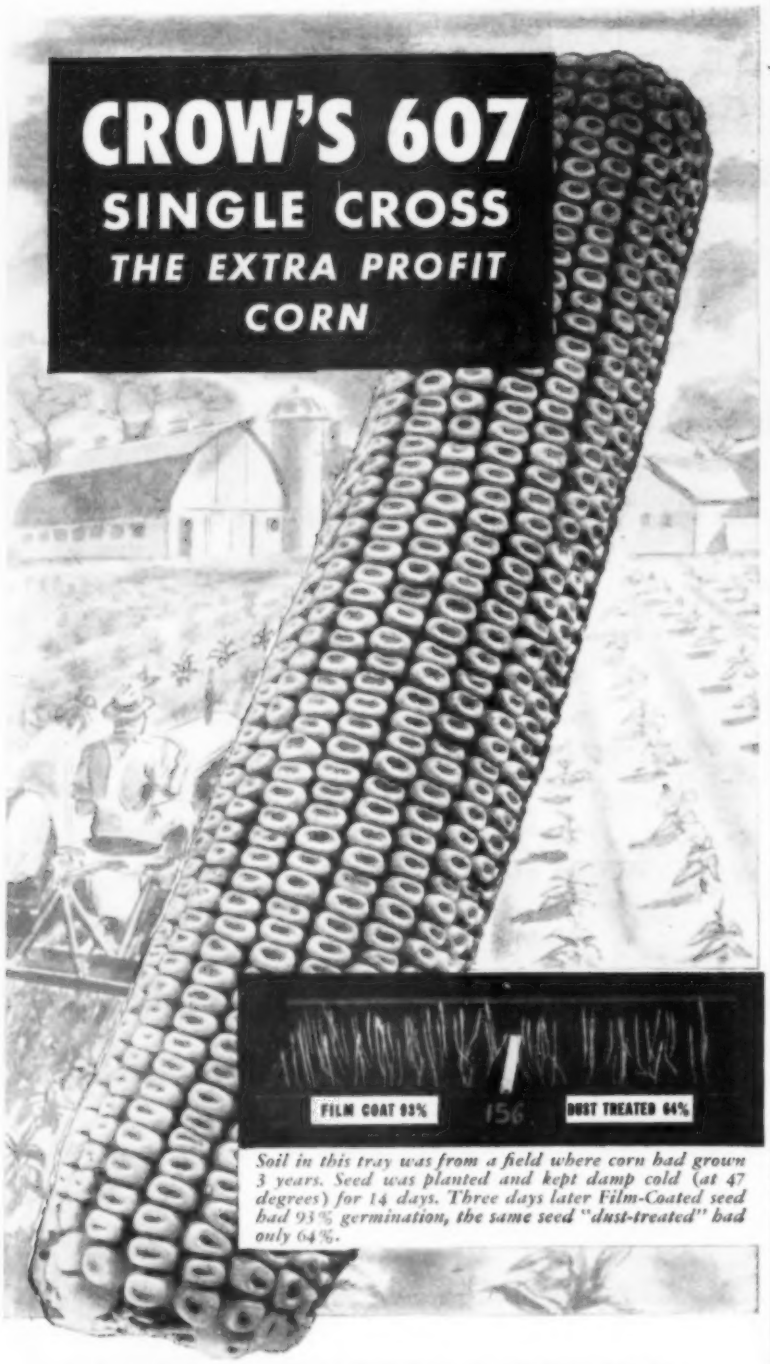


5—Breakfast over, Paul takes the whole milk to nearby cheese factory. Then he cleans barn. Manure is loaded on spreader, taken directly to the field each day.

6—Morning chores are over by 9 or 9:30. Then comes usual farm work. An afternoon chore is feed grinding. Behns find time to attend meetings, and Paul is director of groups such as the DHIA.



7—Evening Meal for the cows starts at 5. Evening chores are duplication of morning schedule. The Behns stress regularity, start the milking promptly at 5:50 both morning and night. They say it is better both for them and for the cows. Paul's day ends with bedding of the cows for the night.



Soil in this tray was from a field where corn had grown 3 years. Seed was planted and kept damp cold (at 47 degrees) for 14 days. Three days later Film-Coated seed had 93% germination, the same seed "dust-treated" had only 64%.

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Farmers look at their sows and wonder if they should cash them in or keep some of them for farrowing fall pigs. Harold W. Daniels, Franklin county, Iowa, has decided to raise some fall pigs.

Will You Raise Any Fall Pigs?

Farmers Are Wondering About the Market As They Pick Sows and Gilts For Fall Litters

ALMOST everyone agrees that the 1947 spring pig litters are not up to par. Cloudy, wet weather, and in some instances birth of fewer pigs per litter, or the mysterious "baby pig disease," probably have lowered the average number of pigs per litter by 10 per cent or more.

Now farmers are looking to the future. What about fall pigs? Will the fall pig crop be short, and a money-maker, as it was in 1946? Should we breed sows for early fall pigs, or take advantage of today's strong price and sell the gilts and sows now?

There are a lot of questions in the picture for the hog raiser.

Harold Borcherding, Franklin county, Iowa, has 27 spring litters and an average of seven pigs. He farms his place with no hired man and doesn't plan on any fall pigs.

But Borcherding says: "If it wasn't for the lack of help, I think that I would raise fall pigs, even tho I expect the market to go down."

Dick Swieter, veteran of 12 years of Franklin county AAA work, figures on some fall pigs.

"I think some sows and fall gilts that could have been bred for fall pigs, have gone to market," says Swieter. "It makes a fellow wonder. I had three sows lose their litters, and sold the three for $300.

"At the same price, the 15 sows I have are worth $1,500. Add $2,000 for feed. You wonder if you should cash in the hogs and old corn, or take a chance on a crop of pigs.

"But a farmer equipped for fall pigs has a $2,000 or $3,000 investment in equipment that will stand idle if he quits raising pigs. I'm going to do the way I normally would. I have some fall gilts for August pigs, and I expect them to make money, altho prices will be lower," he explained.

Henry Schminke, of Benton county, Iowa, and Harold W. Daniels, of Franklin county, Iowa, have about the same idea as Swieter. They are sure hog prices will be lower. But they don't expect grain and protein prices to hold up long if hogs go down.

"You've got to stay in the business. Start going in and out and you won't have any hogs when you want them," Schminke says.

Daniels says: "I'm going to keep right on. I made money at the ceiling price when feed was also under ceiling. Anyway, you have to keep in production to get anywhere." Daniels plans for 15 early fall litters.

Swieter pointed out one thing that eases his worry about an oversupply of pork. "Farmers can remember how things were 10 years ago. With too much pork, prices started down. The next year, instead of raising 150 pigs, farmers raised an extra 50 and got less for 200 than for 150 the year before."

He expects, and hopes, farmers won't produce more and more pork in order to maintain a certain volume of income. Such a procedure would be fatal to pork prices. He feels that this time everyone is apt to go along on a normal production basis.

Wright county members of the Central Iowa Farm Business Association, when polled recently, reported that they plan to save 20 per cent more sows for fall pigs than they saved in 1946. But that figure is too high for the county as a whole. It may be reduced by fall.

The big "if" in hogs is in the demand picture. Just how good will business be? Will everyone, or almost everyone, keep on working? If such is the case, there's room for a lot of fall pigs. If they don't keep on, maybe we won't need so many.

"A lot of farmers changed their minds on the raising of fall pigs last August, and they did it to their sorrow.

"But at least that is one thing about fall pigs. You can breed the sows now, and probably can get rid of them any time this summer at a good price if things don't look good," one farmer said.

Farm News Briefs

CORN ON Iowa farms April 1 was estimated at 309,847,000 bushels—about half of last year's crop. That's 63 per cent more than was in cribs a year ago.

▲ ▲ ▲

ONLY 13 per cent—4,545,000 bushels—of Iowa's 1946 soybean crop was left on farms April 1. About half the supply will be needed for planting this spring.

▲ ▲ ▲

OAT STOCKS on farms April 1 were about normal — 88,190,000 bushels, compared with 88,122,000 bushels a year ago.

▲ ▲ ▲

DISAPPEARANCE of corn from Iowa farms in the first three months of 1947 was 170,731,000 bushels, largest for the period except in 1944.

▲ ▲ ▲

IOWA'S FIFTH annual Farm Sports Festival will be held September 5 and 6 at Iowa State College.

▲ ▲ ▲

DATES FOR the 1947 Dairy Cattle Congress at Waterloo, Iowa, have been set for September 29 thru October 5.

▲ ▲ ▲

NATIONAL Flying Farmers Association will hold its annual convention at Stillwater, Okla., August 7-9.

▲ ▲ ▲

STATION WHO'S 1947 National Plowing Match will be held on September 27, on the Ralph Olsen farm in Hamilton county, Iowa.

▲ ▲ ▲

E. G. STOCKDALE, of Iowa Falls, Iowa, is a member of the poultry advisory committee named to suggest projects for study under Research and Marketing Act of 1946.

▲ ▲ ▲

FARM BUREAU membership in Iowa for 1947 has reached 122,361. This includes 28,000 members who did not belong last year. IFBF officials figure the year's total will be close to 127,000.

▲ ▲ ▲

DONALD VOELKER, Allamakee county, is a new assistant extension dairyman at Iowa State College. He had been DHIA supervisor for five counties and official tester for the extension service.

▲ ▲ ▲

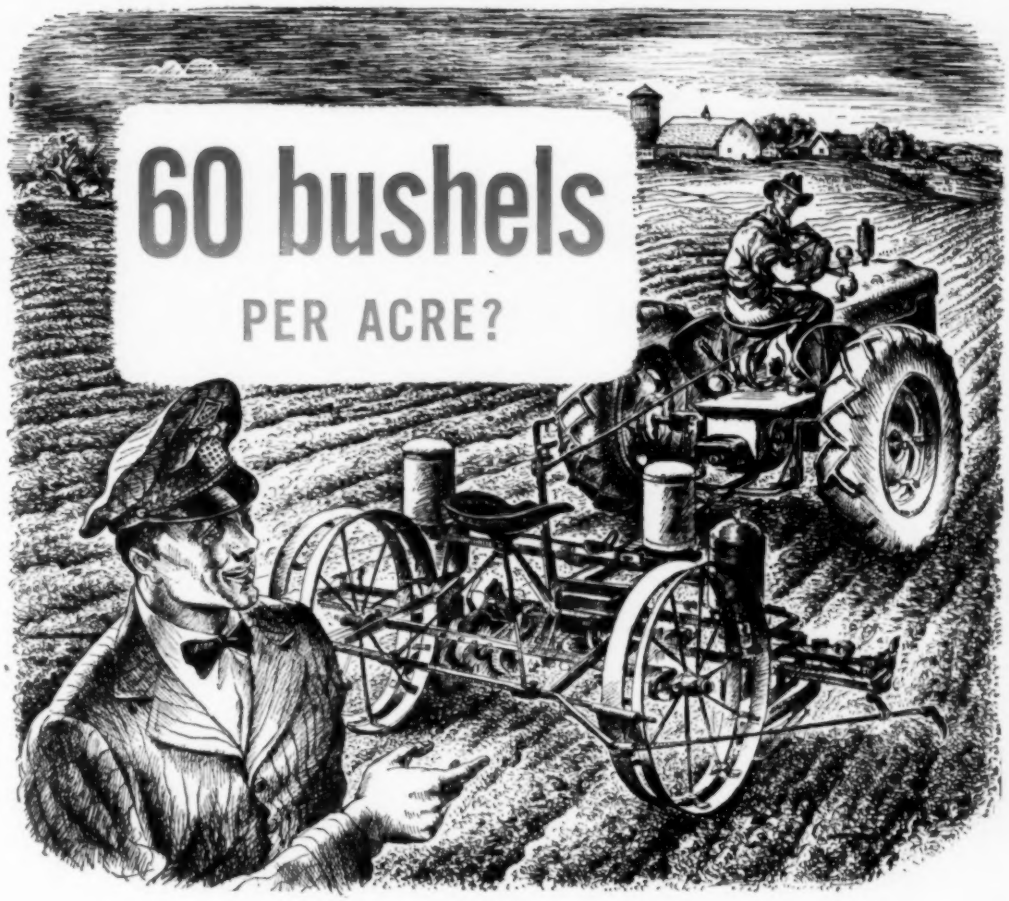
WORLD CORN crop in 1946-47 reached almost five and one-half billion bushels, the largest on record. It beat the 1945-46 crop by 8 per cent and the 1935-39 average by 13 per cent. The U. S. crop accounted for 60 per cent of the total.

▲ ▲ ▲

NUMBER of cattle on feed in 11 corn belt states April 1 was 13 per cent higher than a year ago. Missouri showed a 38 per cent increase, Illinois was up 20 per cent, and Iowa, Wisconsin and South Dakota had increased 15 per cent.

▲ ▲ ▲

HOG SUPPORT prices for the period ending September 30 have been revised. The new figures average $1.35 per hundred pounds higher than the prices announced last fall. Support prices vary from $15.25 in May to $17.25 in September.



No one can tell, at planting time, how great the crop yield will be. Too many varying conditions can influence it.

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MONEY-BACK GUARANTEED!

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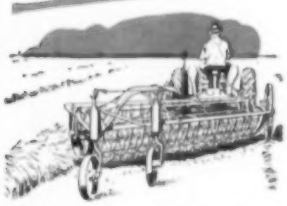
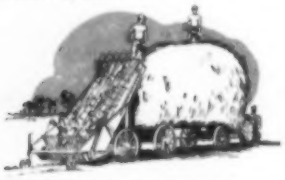


With its 4-bar cylinder, the Massey-Harris No. 11 Side Delivery Rake is built for big capacity at fast tractor speeds.



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But it's out in the field where you'll really appreciate the Massey-Harris No. 6. Simplicity itself to attach and detach — no lifting, pulling, or tugging. The trailer design makes sure of that.

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Lively Soil results when large amounts of crops or crop residues are plowed under. Humus, or decaying vegetable matter, makes a home for soil bacteria to work. Here, Dalen Kramer is plowing a good crop of grass under on his farm in Butler county, Iowa.

Tiny Bugs In Soil Make It Rich

Farmer Says Soil Bacteria Live In Humus; Plow Under Everything You Possibly Can

Do you have any fields in which the soil seems dead? Is it inclined to be cloddy and do crops grow slowly? What has happened to dead soils is discussed in this article by Arthur Nehring, Hardin county, Iowa. There are suggestions on how to bring dead soil back to life.

THE feeble old man sitting in the back seat of the car spoke: "Could I have a drink of water from the old well?"

While he sipped the water, he recalled the old days when he was a farmer. "I sold your dad a good place here," he stated. "I broke up them there hills yonder. They raised me 70 bushels of corn, and often 60 bushels of oats or better.

"How much oats did you get this year?" he asked.

"Thirty," I blushed.

The old man shook his head. "Farmers don't know how to farm any more." Then he told how mellow the ground was when he broke it from the prairie. "How is it now?" he asked.

"Cloddy much of the time," I replied.

Farmers all know that "mellow ground is good ground." But what makes it that way? What is it that really makes soil fertile?

Scientists know that actual soil building itself is done by uncounted billions of soil bacteria, which "dissolve" rocks, trash and dirt into a soluble form which soaks into plant roots (like you digest fried potatoes—maybe you don't).

They say that if these soil bacteria should suddenly cease to exist, all plant life on this earth would soon disappear. (If you don't believe me, look it up in any encyclopedia.)

Have you ever gone out in the fields on a Sunday afternoon to look at the crops?

Once a farmer took me out to see what was the matter with his corn. So he told me. "That ground is dead," he informed me.

Never having seen the "departed" in life, or even heard rumors that it was once alive and kicking, I took a closer look at the corpse to see how this thing could be.

But he was right. Science (I have a nodding acquaintance with it) would say that the "bacterial life" in that ground was, indeed, very low.

Soil bacteria are like milk cows. As cows turn hay and grain into milk, the bacteria, similarly, turn the elements in the ground into plant food.

Your ground could contain all the essential elements, yet it would grow nothing unless bacteria were present in the ground to turn them into a form that plants could use.

Just as you can't drink hay from your milk glass, so plants can't use rock phosphate until soil bacteria "dissolve" it, that is, break down insoluble chemical compounds into a soluble form.

However, as all good dairymen know, it is not enough merely to give cows hay and grain. Unless, first of all, they have comfortable living conditions, there is little use in bothering your head about balanced rations or plans for a big milk route.

A good home is also the most important need of soil bacteria. For soil bacteria, "home" spells humus, which is the decayed and decaying vegetable matter in the soil.

It sounds foolish even to mention keeping milk cows out in the pasture in the middle of winter. But it is no more unreasonable than destroying what is home to soil bacteria by burning up corn stalks and soybean straw because they are in the way.

When someone happens to plow up the barnyard, the barn is in the way of the plow, too; yet he doesn't burn it down on that account.

There is one slight difference between soil bacteria and cows

Old sink makes an easy-to-clean feed box for small calves.

which might be worth mentioning. You seldom need to worry about the cows eating the barn. With bacteria, however, eating the barn is a habit.

They think nothing of eating themselves out of house and home. And this is a lucky thing, for in doing so they are always turning green growth and trash into soluble plant food.

It can be seen from the foregoing that it is poor policy to neglect soil bacteria; then add insult to injury by spreading commercial fertilizers to step up corn yields.

Of course, children like meat—just as corn thrives on the right commercial fertilizer. But meat won't replace milk in the diet, nor can commercial fertilizer take the place of the many elements that form the diet of growing plants.

There is no rest in modern farming, any more than when we used horses. Even tho you practice crop rotation, seed legumes, and all the other things, you still may need lime and phosphate fertilizers and others.

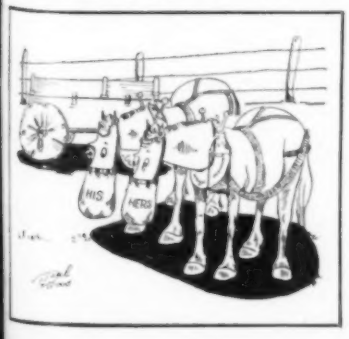
The truth is, the ground is full of elements. Like a haymow full of green alfalfa hay, countless farm acres already contain tons of insoluble plant food that would be made into plant food if soil bacteria were given more favorable working conditions.

Naturally, you wouldn't expect the old man sipping water from the old beloved well to have understood all these things.

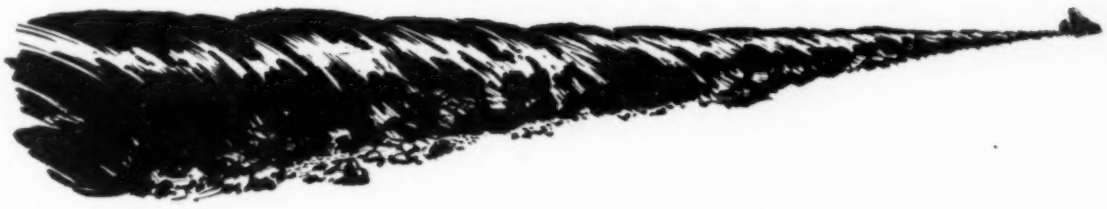
But who could ask for more than a farm of virgin prairie? Soil building would then just be something to talk about on long winter evenings.

And, during this conversation, it could be mentioned that a cubic foot of prairie ground weighs approximately 65 pounds, while on a neighbor's ground, which has been farmed all these years, the soil weighs about 80 pounds per cubic foot.

These figures show how much humus has been lost from the farmed ground since it was first plowed. Does that show how to make "dead" ground come to life?



A Million Tractors Plowed This Furrow...



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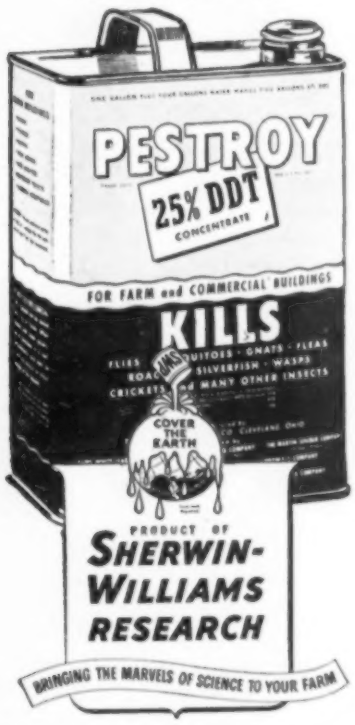

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Washington Wire

"We Can Eat Up Any Surplus"

Truman Administration Wants To Try To Help Consumption Instead of Cutting Acreage

WASHINGTON, D. C.—The Truman administration doesn't want to go back to AAA acreage controls. Neither does Chairman Hope, of the house agricultural committee.

But leaders of both parties realize that surpluses are likely to pile up again when exports for relief decline or pay rolls drop.

What can be done in such case?

Secretary of Agriculture Anderson, in a hearing before the house agricultural committee on future farm programs, declared for a program of abundant production.

But he admitted price troubles might develop if farmers produced heavily, and industry didn't.

Agriculture, Anderson said, requires not only floors under prices but floors under consumption.

He declared that the school lunch program is a good start in the direction of guaranteeing a steady market for the farmer.

More would be needed, tho. Anderson spoke of "some sort of food allotment program available at all times—something flexible enough to meet both chronic and acute difficulties.

Under a food allotment plan, families falling below a certain income level per person could obtain coupons from the government for use in buying food at stores in large enough quantities to assure them an adequate diet.

Under Anderson's program, AAA acreage allotments and marketing quotas would be used only in times of acute surpluses, and then only to encourage shifts in production.

Anderson also proposed that the United States enter into international agreements providing for sale of surplus farm products to needy countries at cut-rate prices. This plan is also advocated by the United Nations Food and Agriculture Organization.

Chairman Hope, Kansas Republican, said he could go along with a program such as that outlined by Anderson, provided "we can agree on details."

Hope said that the committee does not plan to draft new legislation this session.

Other Republican congressmen were less favorable in comment. They feared the Anderson program might cost too much and might involve too much "government regimentation."

Guy W. Smith, the Iowan who is serving as director of the north-central region of the department's Production and Marketing Administration, says he expects hogs to drop no lower than $20 in 1947.

Smith bases his prediction upon two assumptions: (1) That there will be no serious and prolonged industrial strikes which would cut down on consumer purchasing power, and (2) prospects that the spring pig crop will not come up to hopes because of rather serious disease losses in some areas in the corn belt.

Letters from thousands of school children and their parents are softening the attitude of many economy-minded congressmen toward the school lunch program. Many law-makers came to town after the last election determined to whittle down government spending, and the school lunch program was one of the items put down for elimination.

But the program got a good break when some states ran out of federal-aid funds last month. Such states were forced to either close down the lunch programs or charge children enough more for lunches to offset the federal contribution.

Congressional friends of the program asked for a deficiency appropriation to help carry it thru this school year. At first, law-makers who handle appropriation matters said "No."

Then came a deluge of letters, many heart-softening appeals from youngsters saying school lunches were the only decent meals they got because their parents could not afford to buy good food.

Congressmen soon came to the conclusion that the lunch program is one type of government spending that the people approve of.

Senator George Aiken, Vermont Republican, one of the chief sponsors of the program, feels confident that congress will vote $75,000,000 for the program for the school year starting next fall.

Agriculture department officials are most anxious to keep the program alive not only because of its nutritional assistance to children, but because it provides a ready-made outlet for disposing of some of the surpluses which the government is required to buy under the farm price support program.

Present prospects point to a big volume of exports of American farm products during the coming 12 to 14 months. Farm officials estimate that two-thirds of the $350,000,000 which congress is expected to appropriate soon for relief of financially distressed countries will go for food.

But perhaps 85 or 90 per cent of this money would be spent for wheat, wheat flour and limited quantities of other grains.

Officials do not expect exports of other foods to run very large. They explain that few countries are able and willing to pay present American prices for meat, dairy products, etc.

Workday Pointers

Helpful Suggestions For Farmers

TAKE HOME a pound of mash for each baby chick you buy. This should last for four weeks.

▲ ▲ ▲

MIXED VARIETIES of soybean seed may make a good crop if both varieties are adapted to your territory.

▲ ▲ ▲

HEAVY OATS in the chick feed after the chicks are a month old will help to prevent picking, some poultrymen say.

▲ ▲ ▲

TIGHT FENCES will pull round, smooth corner posts out of the ground if they are not anchored. Two-by-six pieces spiked to the posts will prevent the lifting of the posts. One of the anchors should be placed at the lower end of the post; the other about a foot from the bottom. The second anchor should be placed crosswise, compared with the first anchor. This will give the corner strength from all directions. Setting the brace rather low on the corner post—about in the center of the wire pressure—will decrease the lift of a tight fence on the corner post.

▲ ▲ ▲

FERTILIZER, to be applied with a planter attachment, will give you better returns on corn than if applied to soybeans.

▲ ▲ ▲

MOWING MACHINES should be checked now for working condition. Get repairs needed the next time you are in town.

▲ ▲ ▲

DEEP PLANTING does not make corn roots go down deeper than shallow planting, according to observations at experiment stations.

▲ ▲ ▲

CONTOUR plowing, disking, harrowing and planting save about 10 per cent of the power costs, according to some farmers' estimates.

▲ ▲ ▲

WASHING the cow's udder with a hot, wet towel before milking does two things: (1) The milk flow is stimulated, and (2) a clean udder means less dirt in the milk.

▲ ▲ ▲

BURN OR BURY the afterbirth and dead pigs from sows which abort. The cause might be brucellosis (Bang's disease or contagious abortion). Germs of the disease are found in aborted material.

▲ ▲ ▲

COCKLEBUR plants in the two-leafed stage will poison pigs if they eat them. Pigs are most likely to eat the burs if turned in old corn or bean fields where not much other green stuff is available.

▲ ▲ ▲

POISON SPRAY materials should be kept in a metal container and clearly labeled. They should not be kept around the kitchen or on food shelves. Some fumigants are inflammable as well as poisonous. You'll be playing safe if you keep all these chemicals away from food, feed or fire.

SPROUTING TIME for corn is the time when corn molds in the crib. Your final check of cribs suspected of being too wet to keep should be made at once.

▲ ▲ ▲

EARLY-PLANTED CORN is attacked by the first brood of corn borers. Late-planted corn attracts the second brood. Least damage from borers can be expected if the corn is planted around the third week in May.

▲ ▲ ▲

DAILY CLEANING of chick quarters will check coccidiosis. The chicks get the disease from organisms in the droppings of other birds. These droppings are not infective for a few days, veterinary authorities say. Therefore, daily cleaning will break the disease cycle.

▲ ▲ ▲

CORN STANDS may be ruined by thick crusts after heavy rains. On surface planted corn, harrow before the crust gets hard. On listed corn, some farmers have broken the crust by running the corn planter thru the rows. Small harrows made especially for listed corn will do a better job.

▲ ▲ ▲

GRASS on plowed fields can be killed with the spike-tooth harrow within a day or two after it comes up. Use the disk if the field gets green, or for more husky weeds, such as smart-weed, pigweed and button-weed. For morning-glories or quack-grass, use the spring-tooth harrow or cultivator sweeps.

▲ ▲ ▲

PAINT BRUSHES should hang from the handles when they are not in use. Resting on the ends of the bristles twists them out of shape. If brushes are washed thoroly after using, they can be

hung on nails from holes bored in the ends of the handles. If a brush is left in some kind of oil, the hole can be lowered, so the brush can be supported across the top of the can. Brushes at present prices are worth taking care of.

▲ ▲ ▲

WEED SEEDS in a square foot of soil six inches deep were counted at four locations in Minnesota. Corn field soil samples showed 1,663 weed seeds to the square foot in Waseca county, 492 in Stevens county, and two locations in Renville county showed 200 and 143 seeds per square foot, respectively. Hoeing the corn reduced the weed seed from 10 to 50 per cent, but there were still from about one to more than 10 seeds per square inch.

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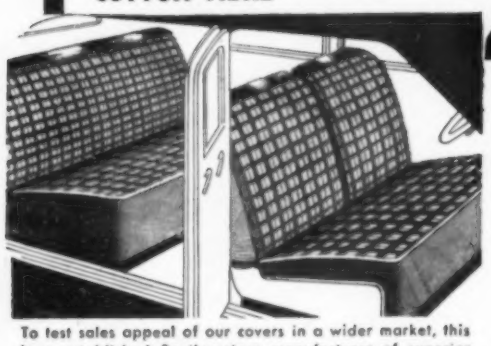

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Schools and Roads Share Surplus

Iowa Legislature Has Exciting Finish; Demonstration Doesn't Stop Labor Bill

STATE school aid forces triumphed in the final days of the 1947 Iowa State legislature.

They won larger appropriations from the senate than would have been possible from current income alone by getting from the surplus part of the $13,000,000 a year the senate voted.

This amount is $2,125,000 a year less than the house originally voted. But it is $9,045,000 a year more than the 1945 legislature allowed.

The amount of school aid the senate appropriations committee approved is:

General aid	$ 7,375,000
Transportation	2,000,000
Agricultural land credit	2,000,000
Supplemental aid	1,000,000
Handicapped children	250,000
Standing aid	375,000
Total	$13,000,000

The difference between the senate appropriations committee recommendation and the amounts the the house voted is that the senate cut general aid from $8,000,000 to $7,375,000, the agricultural land credit fund from $3,000,000 to $2,000,000, and supplemental aid from $1,500,000 to $1,000,000.

The difference between the six or seven million dollars a year which Gov. Robert D. Blue favored for schools and the $13,000,000 which the senate voted consists of the willingness of the senate to get part of the money from the surplus.

The appropriations committee of the senate recommended taking $5,000,000 a year for general aid—the entirely new form of state school aid—from the $60,000,000 surplus. That provides the money for the next two years. The next legislature will meet in 1949 to say what shall be done in the future.

The legislature found the answer to its money problems in the closing days by deciding to transfer into the general fund the $60,000,000 that has accumulated in the revenue from the sales, income and use taxes.

By doing that, it was able to put the surplus and the estimated current revenue together into one fund on the income side of the ledger and determine what it wanted to spend on the outgo side of the ledger.

Rough estimates of what the legislature could appropriate for the next two years, beginning July 1, ran up to $171,000,000. Estimate of current income during the coming two years is $123,000,000.

Thus, the legislature contemplated that its total appropriations could use up $48,000,000 of the surplus, and still leave $12,000,000 as a working balance.

If the $60,000,000 surplus confirmed in the closing days of the session is baffling because a $45,500,000 surplus was agreed to exist in the opening days of the session, let not the reader be worried because he is confused. So were the legislators.

The surplus has not changed. Officials are counting more money as surplus in April than they did in January. Part of it is $4,000,000 of liquor profits still to be transferred, and part is $10,500,000 of general fund balance not counted as surplus in January.

Little direct progress toward better farm-to-market roads can be credited to this legislature. Two things were done that may point out the future course of secondary road improvements.

The legislature recognized the principle of distributing secondary road money on the "need" basis. Secondary roads now get all money in the primary road fund above $17,000,000. It is distributed on an "area" basis.

The new law provides that money in the primary road fund between $21,000,000 and $25,000,000 should be distributed on the "need" basis rather than on the "area" basis. But the fund will have to grow to reach the $21,000,000 per year.

The legislature also named a committee of 12 to submit primary and secondary road programs to the 1949 session of the legislature.

There will be $8,000,000 additional for road building available after 1950 without additional taxes. The last payment on the primary road bonds will be due in that year.

The total amount of primary road bonds issued was $117,000,000. Payments have been made at the rate of $8,000,000 per year. The interim committee will probably recommend how this additional money shall be spent.

A labor bill in the closing days of the assembly brought the biggest crowds to the State House since the "Cow War" and the "Farm Holiday" movement.

Farmers in 1931 came to protest the compulsory tuberculosis vaccination for cattle. And farmers came in 1933 to ask for relief from property foreclosures.

Farmers in 1933 had some success, but the laboring men had none. The bill to outlaw the closed shop and the union shop passed the house after prolonged debate.

Mostly city representatives argued against the restrictive labor bill. But Representative Carroll Brown, farmer of Mahaska county, got some attention for his four points against the labor bill.

Brown said: (1) The Iowa labor situation has been satisfactory; (2) farmers should not be a party to hurting labor—their best customers; (3) farmers and labor have each been under the domination of capital and industry, and (4) the pressure for the bill was more dangerous than the labor demonstration.

Brown suggested that those in favor of the labor bill had threatened to block the schools and road program. "That's pressure of the first degree," he said.

This Power mower is handy for mowing fence-rows, too. A plank bolted on sickle-bar makes a miniature bull-dozer that Howard Knupp, of Benton county, Iowa, uses to clean feeding floors.

Avoid Set-Backs At Weaning Time

Pigs Being Pushed for an Early Market Should Be Eating Enough to Almost Wean Themselves

YOU probably can remember hot, muggy June mornings when some neighbor called and said: "It's too wet to cultivate. Can you help ring the pigs?" And you helped ring, castrate and mark a bunch of spring pigs while the old sows ranted outside the shed.

Then the pigs were tossed over the fence into a new lot and spent several days trying to get back to their mothers.

A good many farmers say most everything about the above system is wrong if you want fast gains. And this is the year to push those spring pigs to market fast.

What's wrong with the system?

"It took me several years to catch on, but one thing is to always move sows away from pigs — not pigs away from sows," Howard Knupp, Benton county, Iowa, says.

He explains that the pigs will waste lots of time and energy running up and down the fence, trying to get back "home." Of course, you want to have the pigs eating well before weaning, he adds.

Merle Clough, of Tama county, Iowa, is another advocate of creep feeding to get the pigs on their own at weaning. This spring he has 234 pigs from 27 sows.

Just as fast as the pigs are old enough, he turns four or five litters together. Then he makes a creep in one pen and starts the pigs on rolled oats, plus a little skim-milk. He leaves a couple of electric brooders going in the pen where the creep is, so the pigs soon learn to go in there.

At weaning time, Clough always keeps 50 or 60 of the smallest separate. These get the benefit of extra skim-milk and soon catch up with the rest of the bunch.

Castration of pigs at weaning age is enough of a shock in itself. And it's mighty hard work. That explains why pork producers are castrating earlier, at four to six weeks. At that size, you notice hardly any shock on the pigs.

Weaning without stunting the growth depends on having the pigs eating a lot, says Bob Naefke, Wright county, Iowa.

And that goes back a long time—back to when the sow was bred, he reasons. If you start feeding the sow a good ration and bring her thru so she has big, husky pigs, those pigs are able to start eating grain earlier.

They do better, grow faster, and at weaning are bigger. They eat lots of grain and don't miss their mothers. He starts the pigs in a creep on rolled oats, and soon they get a slop mixed from the ration the sows get.

"When they go on grass and are weaned, they never know the difference," Naefke says.

Because of the continued wet and cloudy weather this spring, Naefke has been feeding codliver oil to provide a little bottled sunshine for the pigs. And they certainly look vigorous and slick.

"The oil is expensive, but in the long run I don't think it costs anything. I believe that some of these pigs will be 10 pounds heavier because of oil," he says. "Of course, this has been a particularly bad spring."

For the first two weeks, each pig gets a squirt from an oil can. After that, a little oil is mixed in with their feed.

All of these men, and many others, keep coming back to creep feeding. Get the pigs used to living on grain before being weaned. And, remember, a pig's protein requirements are high. Use plenty of supplement.

Castrate the pigs when they are little. You'll save work and gain pounds of pork. Take the old sows away to a new place.

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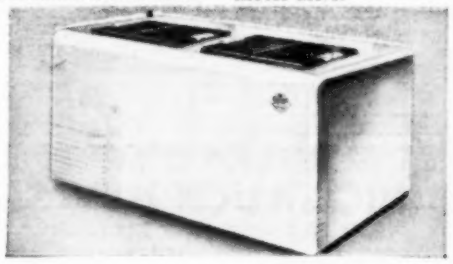

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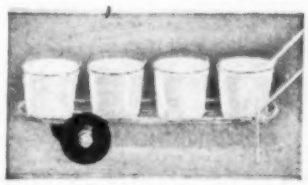

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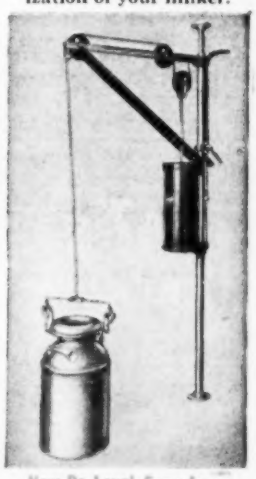

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By John E. von Dorn

Twenty-five years ago a young veterinary, practicing in the "hog-belt" of Nebraska, found that he could control Necro (necrotic enteritis) and Scours caused by Necro by the use of *the farmer's own whole oats* or other grain, *combined with certain medical ingredients.* He found, too, that with this *medicated grain treatment* he could straighten out "poor-doing", runty pigs, and could fight off Necro or Scours *before* they attacked!

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Give your entire spring pig crop the 14-day Master Medicated Grain Treatment immediately upon weaning or as soon thereafter as possible. Vaccinate at once, if you intend to do so. Feed balanced rations, either tankage or supplement, for next 21 weeks and follow prescribed Master program. You'll have 220 lb. hogs to market 21 weeks later or we'll refund in full the money you paid for the treatment!

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Test Inbred Pig Gains

FEEDING results on inbred hogs and crossed inbreds were announced at the Missouri Livestock Feeders Day program, April 11, at Columbia, Mo.

Gains per day from a weight of about 40 pounds to market weights were found from three years of experiments. Gain comparisons were made on three groups of pigs.

1. Inbred Lines — The Missouri station has developed three inbred lines. Two of them are Poland Chinas and one is a Hampshire. In the feeding experiment, 34 of these inbred pigs were used.

2. Line Crosses—These are pigs from a cross of two inbred lines in the same breed. Forty-two pigs from line crosses were used in the feeding experiment.

3. Line Crosses From Two Different Breeds — These are pigs from a cross made up of two inbred lines. But one inbred line was Poland China and one was Hampshire. There were 42 pigs from this cross in the experiment.

The Missouri station does not call these last two crosses hybrid hogs. Some have referred to them as such, but others say they are not true hybrids.

They have this in common with hybrid corn—they are the result of crossed inbred lines.

In the feed-yard, the inbred lines showed less vigor than the crossed inbreds, as was expected. These inbreds made a daily gain of 1.16 pounds. Feed required for 100 pounds of gain was 418 pounds.

The line-cross pigs gained 1.38 pounds per day. Feed required for 100 pounds of gain was 417 pounds.

The pigs from crossed inbreds that included two breeds gained 1.49 pounds a day. Feed required for 100 pounds of gain was 420 pounds.

From this feed-yard experiment it is shown that crossing the inbred lines brings back the vigor. Gains were very good, and feed was used efficiently by both of the crosses from inbreds. But the cross using two breeds had a slight advantage.

One surprising thing is that the inbred hogs used the feed as efficiently as the crossbreds. The pigs ate less, gained more slowly, but required about the same feed for 100 pounds of gain.

Three Hairless Calves On Same Farm

To the Editor: What causes calves to come hairless? They have hair on head and legs, but none on the body. Calves are healthy and are maturing. There was one last year and two so far this year.—F. B., Carroll County, Iowa.

In the majority of cases, a hairless condition is caused by lack of iodine in the mother's ration during the pregnancy period. It can be overcome by feeding iodized salt. We suggest that you try this in your livestock feeding.

There are parts of the country where many young animals are born without hair. Some are affected with a form of goiter, or enlargement of the thyroid gland. This gland is located in the region of the throat-hatch.

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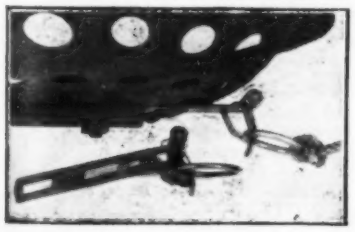

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First Aid for Stock

Pigs Bleed At Nose, Become Runts

To the Editor: My fall pigs picked up some kind of disease. They would shake their heads, run their noses along the ground, and some would bleed at the nose. As they got older, their noses would turn up and they became runts. How can I get rid of this trouble?—L. D., Marshall County, Iowa.

This condition is usually called "sniffles." It is caused by infection in the upper nasal passages and sinuses of the head.

Infected hogs will distribute the germs in the soil. So it is a good practice to move the next crop of hogs to clean ground. If you can't, do a good clean-up job.

The lesions occur so high up in the nose that treatment is almost out of the question.

Asks Remedy For Coccidiosis

To the Editor: I have heard that iodine can be used in the prevention and control of coccidiosis in chickens. Please let me know how to give it? Can metal waterers be used?—G. E. M., Cedar County, Nebraska.

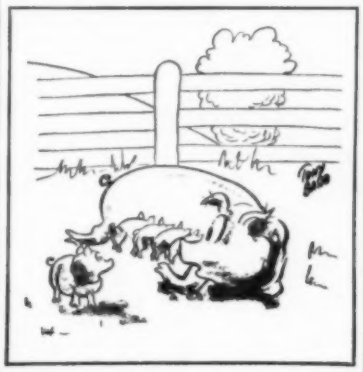
At one time, colloidal iodine was advocated as a treatment for coccidiosis. But that treatment now is seldom used by well-informed poultrymen.

Sulphur is more widely recommended now. Some poultrymen put about 5 per cent sulphur in the mash for a day or two at a time. There should always be intermissions between periods when sulphur is fed.

Remember, however, that many things have been used as a treatment for coccidiosis. Most remedies seem to give results because the disease is self-limiting. It has periods of ups and downs, and if treatment is started at the right stage it may appear to be a good treatment.

Clean buildings, and never entering a building with shoes that have been worn in the old yards, is a good preventive. Keep the poultry house floors dry. Coccidia do not thrive when there is no moisture.

Iodine is a drug that amalgamates with metals. Therefore, it should not be mixed with water that is placed in metal containers.



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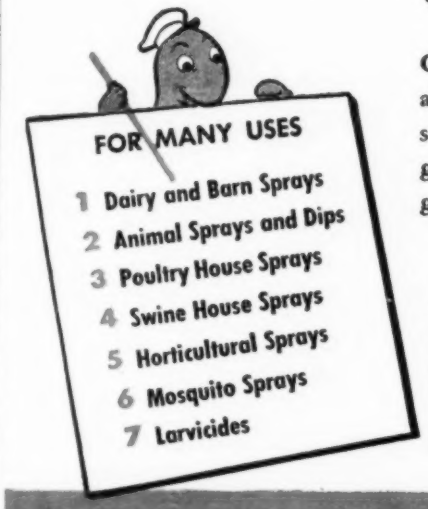

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"—and with a 20-foot blade he says he'll mow an acre in 4 minutes."

Weed Killers Do Good Job

IT IS both practical and economical to completely eradicate small patches of noxious weeds before they have spread over the entire farm, says Elmer Sanderson, acting South Dakota weed supervisor.

Chemicals can control the small patches economically. Chlorates and borax or 2, 4-D can be used. Intensive cultivation is often valuable in eradicating a large portion of the weeds, or cultivation followed by a smother crop.

Two years of widespread experiments are behind the Nebraska recommendations for weed control. Because of the successful prevention of spread of deep-rooted perennials, 2, 4-D is recommended as a low-cost means of effective control.

It is also recommended for eradication of some shallow-rooted perennials and many annual weeds.

According to N. S. Hanson, Nebraska agronomist, after as many as three treatments have been given, some plants of bindweed, Canada thistle, leafy spurge, hoary cress, Russian knapweed, dogbane and bur ragweed, still remain in the treated areas.

Even so, there has been a progressive reduction in the number of plants. Each treatment has eliminated top-growth and killed some of the roots. No seed was produced, and the lateral spread of the root-stocks was greatly reduced.

Lamb Can Be Fed Cow's Milk

To the Editor: Can you give me instructions for feeding a new-born lamb on a bottle?—Mrs. W. B., Dallas County, Iowa.

You can feed a lamb cow's milk, but do not dilute it, for it is not so high in fat solids as ewe's milk. It is important to feed in small amounts and often for the first few days.

As with any other infant, sanitation is important, too. The milk should be fed at a temperature of about 90 degrees, and the utensils kept clean.

For the first week, try two tablespoons of milk every two or three hours. You can cut down the number of feedings to four to six times a day, and feed from three to six tablespoonfuls at a feeding during the second week.

From four weeks on, you can feed three times a day. Increase the amount of milk as the lamb gets older.

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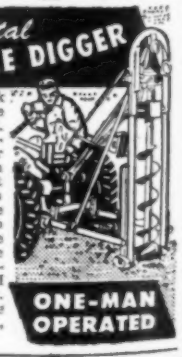

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New Disease Hits Pigs

A DISEASE which attacks pigs from two days to two weeks old has been reported this spring from both Iowa and Illinois. The death rate has been high in some localities.

Veterinary colleges have been studying the pig disease. So far, they do not claim to know the cause or the cure for it. It is suspected of being a nutritional disease.

The best protection against diseases that are not understood is always good care. Keep the pigs warm. Give them feed that is balanced with protein, vitamins and minerals. Provide clean pastures.

The object is to build up the health of the pigs. Healthy pigs can always resist disease attacks of all kinds better than unthrifty pigs.

Animals Will Eat Fireweed

Fireweed, or "kochia," is being tested in South Dakota as a feed crop. This plant was introduced as an ornamental, but now grows wild in parts of the United States. It is thought that it might be a good crop for drouth years.

Kochia is not a bad weed, according to first reports from South Dakota. Cultivation will control it. Small grain and corn have been grown following kochia without trouble.

Kochia hay is eaten readily by stock. It produced 1.7 tons per acre the first cutting and 1.9 tons the second cutting. In percentage of protein, digestible nutrients and fiber, the hay compares favorably with alfalfa.

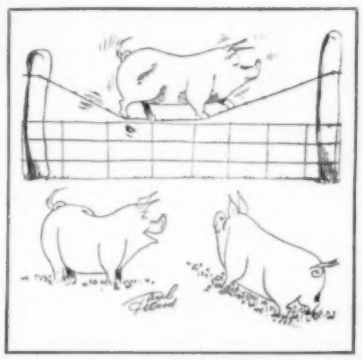
The plant deserves further study as a farm feed. That is the conclusion reached by E. L. Erickson, in a report to the Forage Club at Iowa State College.

Saves Protein In Alfalfa Crop

Making silage of alfalfa hay will save about 137 pounds of protein per acre, as shown by tests at the USDA experiment station at Beltsville, Md.

From first and second cuttings of alfalfa hay, losses of protein amounted to 264 pounds per acre. When the two cuttings of alfalfa were made into silage, protein loss was 127 pounds per acre.

The Beltsville station has been making grass silage by the wilting method for several years. Nothing is added to the alfalfa as it is put into the silo. But great care is taken to see that the moisture content of the chopped material is between 65 and 68 per cent.



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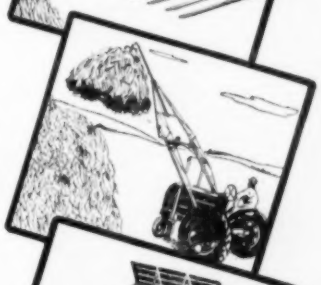

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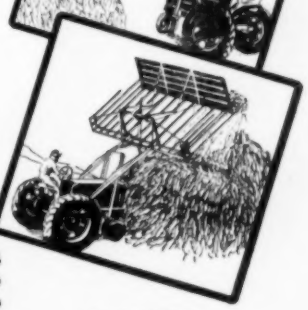

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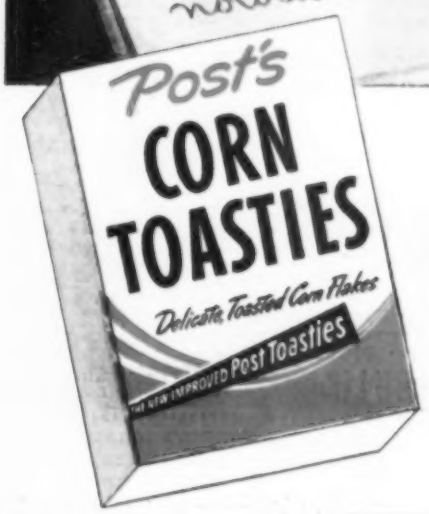

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Kept Tender-Crisp, fresher, by the NEW Post's FreshProtector Package

Homemaking Department

Edited by ZOE MURPHY

Mrs. J. J. Kelley, of Black Hawk county, wants her daughter Nancy Kay to marry a farmer when she grows up. Mrs. Kelley has a modern home with all conveniences you would find in a city home.

★ A WALLACE-HOMESTEAD POLL ★

"Don't Marry a Farmer"

How Many Farm Women Say This To Their Daughters?

PERHAPS we took a risk when we put this question to the farm folks of Iowa on one of our regular opinion surveys: "If you had your life to live over, would you choose to be a farmer (or a farmer's wife)?"

Our interviewers might have been told in no uncertain terms that it was none of their business.

But they weren't. In fact, 78 per cent of the hundreds of farm men and women who were interviewed said that if they had it all to do over again, they would still choose the farm.

I wonder how many folks in town would say the same thing.

A farmer in Woodbury county answered: "Being a farmer is one of the best jobs there is. Altho there is a lot of work to do on a farm, you don't have to worry about punching a time clock and getting to and from work at a certain time."

A woman living on a farm in Ida county said:

"The farm is the one place where a woman can be with her husband most of the time; working with him and enjoying his companionship."

And she added: "You can be your own boss on the farm."

Owners as well as renters were interviewed. Different age groups were asked the question. In each group of those interviewed, 78 per cent said they would choose farming as an occupation if they had a chance to live their lives over again.

Then we asked another question: "If you have a son, do you want him to be a farmer?"

Sixty-six per cent of the folks who answered this question said "Yes." The answer was the same whether it was a mother talking about her son or a father planning his son's future.

Of those living on smaller farms as well as those on large ones, 66 per cent wanted their sons to continue farming.

A father in Clayton county said:

"I certainly hope that my son chooses farming as his profession. With the aid of modern equipment, the work will be easier. The farm is a wonderful place to raise boys and girls."

However, another father in Linn county felt differently about it when he said: "Farming is hard work. I would pick a different occupation for my son."

The last few years have mostly been good years to live on a farm. The work has been hard, machinery hard to get; still there was the satisfaction in providing the food necessary to feed the world.

There was incentive in contributing to the winning of the war. And there also were the high prices that farm products brought on the market.

But there was a time within the memory of most men and women who are farming today, when prices were low, back in the days of the depression. Perhaps if we had asked the same questions then we'd have had different answers. Farm parents might not have been so sure that they wanted their boys to be farmers.

However, we asked these folks still another question: "If you have a daughter, do you want her to be a farmer's wife?"

Now, remember, 78 per cent of these same folks said that they liked the farm well enough to choose it as a profession again if they had a chance to live their lives over. But there were only 46 per cent who wanted their daughters to marry farmers.

They gave a variety of reasons for their answers. A woman in Ida county said, rather wistfully: "I'd rather see my daughter have something easier than the farm," while another woman in Clayton county said: "I would not mind if my daughters married farmers if they do not have to work out-of-doors. If they did, I'd say "No."

However, another mother in Cherokee county said: "In this day and age there is no life that is so independent as farm life." She was one of the 46 per cent who said "Yes."

Another reason why we asked this question is that the area in which we live—the west corn belt—is losing its farm boys and girls pretty fast. Taking the age group from 20 to 24 years, the last census shows that 27 per cent of the boys and 41 per cent of the girls leave the farm.

The girls particularly leave early and in larger numbers than boys. What will this do to our farms?

It means there are a lot of eligible young bachelors on farms. This also means that in a very few years we will have a good many less young people in rural areas than we have now.

Perhaps one way to keep girls in the country is to make rural living just as attractive and convenient as city living. More farm homes with electricity and the comforts that come with modern conveniences will make country living more attractive.

If the mother doesn't have to work too hard, perhaps the daughter won't feel that she has to leave the farm to get an easier life. A woman in Ida county says, rather sadly: "I'd like to live in town, with no separator, chickens or chores. Country life wouldn't be so bad if we had conveniences."

Another farm mother in Cass county says: "Sure, I want my girl to marry a farmer. Her home can be as convenient as any city home, and family life on a farm is more conducive to happiness."—Z. M.

Mrs. Marvin Luloff is happy with her husband in their Black Hawk county, Iowa, farm home. House is modern, has oil heat, running water.

Now You Can Try Procter & Gamble's New

WASHDAY

GUARANTEE

Procter & Gamble guarantees that Tide will do everything claimed for it in this advertisement. If you are not completely satisfied, return the unused portion of your package to dealer, and the purchase price will be refunded.

NO OTHER WASHING PRODUCT KNOWN CAN MAKE THIS STATEMENT

Tide

REG. U. S. PAT. OFF.

GETS CLOTHES CLEANER THAN ANY SOAP MADE

—yet actually

LEAVES COLORS BRIGHTER

Extra miracles in hard water!

Yes, if you have hard water, Tide is a dream come true! Tide's performance in hard water is so amazing, you have to *see* it to believe it! Oceans of suds billow up instantly—even in *hardest* water. And Tide forms no hard-water scum . . . leaves no deposits on clothes or round the tub. No water softeners needed—*Tide does it all!*

TIDE'S IN—

TIDE IS A WONDER FOR CLEANING MILKING UTENSILS, TOO...

MIRACLE!

IT'S TIDE... you've never used anything like it!

TIDE is the postwar miracle you've been waiting for! Developed as a result of wartime research, Tide does *what's never been done before*—washes clothes *cleaner* than *any* soap, yet actually leaves colors brighter! When you first use Tide, you'll know it's completely NEW! Tide's wonder suds *look* different . . . *feel* different! And Tide just laughs at hard-water problems . . . gives *oceans* of suds even in *hardest* water! Let amazing new Tide revolutionize *your* washday!

ONLY Tide DOES ALL FOUR!

1. Washes clothes cleaner!

Yes, cleaner than *any* soap! It's amazing the way Tide gets stubborn dirt out of heavy laundry . . . even greasy farm overalls! Tide leaves clothes free—not only from *ordinary* dirt—but from gray, dingy soap film as well. That's why Tide washes *cleaner* than any soap in the world!

2. Actually brightens colors!

Tide washes away every trace of dulling soap film left from former washings . . . leaves your dainty washable colors so *thoroughly clean and fresh-looking* that color brightness perks up like magic!

3. Never "yellows" white things!

Turn to Tide for dazzling white washes that *stay* white, week after week! Tide can't turn white things yellow, no matter how often you wash them or how long you store them!

4. Gives more suds— prove it in your dishpan!

Kind-to-hands suds! Faster suds! Longer-lasting suds than any soap in *hardest* water! Tide cuts grease like magic . . . washes dishes cleaner than any soap! No scum in the water! No greasy ring round the pan! No cloudy film on dishes and glasses! That's why they rinse and dry so *sparkling clear*—even without wiping!

A Hymosol Product

...QUICK! EASY! NO SCUM OR MILKSTONE!

Mrs. William Dreier

Mrs. George Teachout

Mrs. Karl Kneen

Mrs. Ross Willey

Five Women Are Honored

Master Farm Homemakers of Iowa Recognize New Members

FIVE new Iowa Master Farm Homemakers have been selected. They are: Mrs. Karl Kneen, Henry county; Mrs. William Dreier, Hardin; Mrs. Ross Willey, Monona; Mrs. D. L. Royer, Dallas, and Mrs. George Teachout, Fremont county.

Nominated by friends and neighbors, these women were scored and judged by a board composed of: Louise Rosenfeld, assistant director of home economics at Iowa State College; Mrs. W. H. Royer, President of the Master Farm Homemakers of Iowa; Mrs. Raymond Sayre, women's chairman of the Iowa Farm Bureau; Miss Fannie Gannon, Iowa State College, and the Homemaking editor of Wallaces' Farmer and Iowa Homestead.

Miss Gannon helped in the selection of the original group of Master Farm Homemakers.

Iowa farm people are familiar with Master Farmers. Some years ago, farm women decided that they were entitled to recognition, too. And the present organization is the result.

Recognition is given these women because they've done an unusually good job of homemaking and have given a lot of time and energy to making a better community.

In honoring these women, Wallaces' Farmer and Iowa Homestead pays a tribute to all farm women who do their work well.

Medals were awarded to these five women at a meeting in Des Moines on May 1. We would like to have you know more about them and so present them to you.

Mrs. Karl Kneen, of Mt. Union, Henry county, is the mother of four children—three boys and a girl. The boys were in the service during the war. Two of them are now attending college. Letitia, the youngest, will graduate from high school this year.

Mrs. Kneen has a large garden, raises chickens and does a great deal of community work. During the war, she canned home-fried chickens and sent them to her own and other farm boys in service.

The Kneen family attends the Presbyterian church in Mt. Union. Their home is the center of a number of community gatherings.

Mrs. Kneen has worked in the Farm Bureau, has been head of the women's department of the AAA in her county, and is now active in the state organization of the Amvets Auxiliary.

Mrs. William Dreier lives at Hubbard, in Hardin county. The Dreiers have five children. Two of the boys were in service, and all except the youngest, Walter, who is in high school, have attended school at Ames.

Mrs. Dreier is very active in community work. She has taught a Sunday school class in the Salem Evangelical Church in Hubbard, where she has also been youth adviser.

She has been on the county board of education, as well as a member of the Farm Bureau school committee. She was county chairman of the women's Farm Bureau committee in Hardin county during the war. It was thru her efforts that the county organized for the Blue Cross hospital plan.

She has done all this in addition to her work as an excellent homemaker, which includes chickens, garden and other outside work.

Mrs. D. L. Royer, of Adel, Dallas county, is a little younger than most women Master Farm Homemakers. But as mother of a growing family—Jo Ann is 14, Doyle is 8—she is doing a fine job at home and as a community worker.

The Royers drew the plans and built their pleasant home the last few years. Mr. Royer did most of the work himself. Mrs. Royer did a good bit of the interior finishing work.

Perhaps the most important of the rooms is the pleasant playroom in the basement, that has a fireplace, a piano and plenty of game room. This room is used as a gathering place for many community groups of all ages.

Mrs. Royer raises a large garden and about 500 chickens a year. Mr. and Mrs. Royer are active in the Church of the Brethren. Mrs. Royer has represented the church in various activities in state and national affairs.

Mrs. D. L. Royer

She is also active in the county Farm Bureau work. She is capable and typical of many farm women who are working for a better community and world for all.

Mrs. George Teachout lives near Shenandoah, in Fremont county. The Teachouts have six children—four at home. Karen, the youngest, is only four, so the parents have interests in every age group.

Mrs. Teachout keeps up a large house, and, with her husband and children, raises 1,000 chickens and 1,000 turkeys each year.

Mrs. Teachout is very active in Farm Bureau work, and has been county chairman of the 4-H Club work for several years. Both Mr. and Mrs. Teachout are very much interested in the development of the neighborhood and community. They attend the Methodist church in Shenandoah.

Mrs. Ross Willey lives near Onawa, in Monona county. She is one of the younger members and is doing an excellent job of raising children, keeping up a home, helping with some of the outside work, and yet having time and ability to do much community work. She is the mother of a boy and a girl—both in high school.

Mrs. Willey is a musician, and is often called on in her church—the Congregational, in Whiting—as well as for community organizations. The baby grand piano is the natural center of her home, for the whole family loves music.

Both Mr. and Mrs. Willey are active in Farm Bureau work—Mrs. Willey having served on the state committee. She is a credit to her neighborhood and county.

THESE WILL TELL YOU HOW

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Side View of Two-Story House

Two-Story Farmhouse Plans and Specifications **$1.00**
A house specially planned for farm people.

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No stairs to climb in this handy farm house.

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How to plan your kitchen to save steps.

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WALLACES' FARMER and IOWA HOMESTEAD
DES MOINES, IOWA

COUNTRY AIR

By ELIZABETH C. WHERRY

THERE'S no telling how this day will end. It's the way it began that startled me. I wakened before six, aware that the day was clear.

* * *

Some of the belated farm work could begin. Even if the fields were not dry, the oats could be mudded in. Anyway, some farmers are bound to get their tractors stuck some time or other in any sort of spring.

* * *

But what was the man of the house doing? He was huddled in his bathrobe before the open window. With his face toward the east, was he praying that spring fever in any virulent form would not break out in high school on such a day?

* * *

Was he just worshiping at the shrine of a bright new day? Was he lost in wistful longing to be back on the farm at seeding time?

It's a good nap that makes Judy Noe wake up smiling. She is the daughter of Harold Noe, of Dallas county, Iowa.

Was he gloating over sunshine that would allow the very excellent pig crop over there to gambol in the open?

* * *

Just what was he doing? I stirred, and without turning around, he said: "Come over here and hold this curtain back for me."

* * *

I struggled into my robe and seized the curtain. What was my next duty in this rite to spring, or whatever it was?

* * *

"Almost perfect example of cirrus clouds," he said briefly. Flung across the rosy eastern sky were two long, slender banners of purplish haze. They stretched as far as my gaze could span the skies—tenuous, ethereal, definitely horizontal, violet fingers against the dawn.

* * *

I dropped my eyes to my husband's kneeling form. What was that in his hands? A prayer book? No, just his color camera held against one eye, giving him that Man-from-Mars sort of mechanized-projected-eye appearance that amateur photographers seem to develop.

* * *

The light meter lay there on the window sill. Then the little camera clicked and I stumbled back to bed.

* * *

Next year, the general science class will see that "almost perfect example of an early morning cirrus cloud."

* * *

So far, we've not had much time to play with this new toy, but comes vacation I'll probably find the m. of the h. hanging by his toes 'most anywhere, to catch a picture of a cloud, a rock stratum, soil erosion or some biological phenomenon.

* * *

If I can and care to, I may sort out which he shoots as a farmer and which as a science teacher.

* * *

Perhaps he can start that pictorial corn story which I've always yearned to write and read aloud as the colored slides are thrown on the screen——

* * *

The seed pouring into the planter boxes; the moist May fields ribboned with planter tracks; the great, graceful sweep of the harrow's trail; the tiny shoot pushing a clod aside in its invincible urge toward light——

* * *

All the hundred and one phases from a sturdy green adolescent stalk to the wind-battered tassels about to fall to the grasping gibberish of the picker,

* * *

No time to dream about corn today. The furnace men came. It was a nice spring day—we didn't need much fire. Anyway, the repairs were such that we'd only be without fire for about three hours. They took the thing apart and disappeared.

* * *

It is now seven hours later, but they have not returned. I'm nursing a post-flu case of laryngitis. I'm cold, and by now I'm mad!

* * *

If we have to light the gas oven and live by that when night falls, we'll charge it up to the furnace company. They'll probably blame it on the phone strike. We may have to go to Washington with this day yet.

* * *

And now it is nightfall. Interruptions continued at unscheduled intervals. The furnace man came with temporary repairs — and a sales talk. I'm warm now, and the end of the day was in harmony with the beginning, only I didn't take a picture of it.

* * *

The pasture lots that lie behind the house stretch back to the highway and on to open farm land. Just at dusk, thin, low clouds of smoke lay gently over the greening meadows. Perhaps these thin, low clouds wound gently over the garden and the very porch where I stood—so close as to be invisible.

* * *

One could realize that the fragrance of spring fires everywhere was carried by these intangible wisps that crowded into visibility over the meadows.

BUTTER-NUT COSTS LESS THAN A PENNY A CUP

FIRST CHOICE IN A MILLION HOMES

Farm folks know good coffee . . . and Butter-Nut is their favorite. It has the richness and solid satisfaction they like. Its flavor is smooth and mellow, a quality that comes from the unusually fine coffees Butter-Nut uses. No second choice coffee is ever used in Butter-Nut. It is always at top flavor!

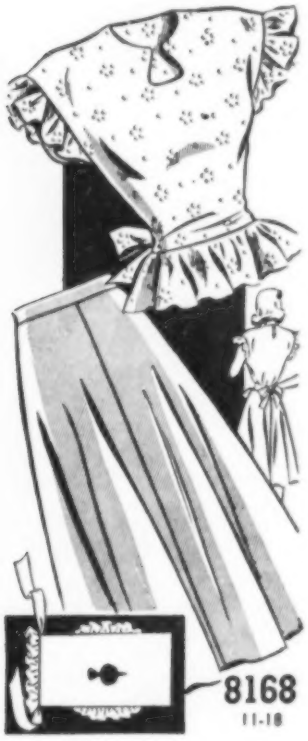
Yet, with all its exceptional quality, Butter-Nut costs you less than a penny a cup! So much satisfaction for so little money is one of the biggest bargains you can find in any grocery store.

When you buy coffee, never take any but the best. Insist on Butter-Nut and get the greatest enjoyment your money will buy.

BUTTER-NUT GLASS JARS ARE REAL FRUIT JARS. SAVE THEM

THE FARM FAVORITE!

Bright Dresses For Summer Wear



No. 8168—Brief ruffles form the sleeves on this clever all-in-one blouse. You will want several of these to accompany the slim skirt. Sizes 11, 12, 13, 14, 16 and 18.

No. 1628—Youthful and extremely flattering for a busy summer program. Three large buttons make a nice finish. Sizes 10, 12, 14, 16, 18 and 20.

No. 1640—Wherever you go, you are certain to find admirers of this smart day-timer, with its fetching diagonal lines and half peplum. Sizes 12, 14, 16, 18 and 20.

No. 8161—A bold striped fabric used in contrast works up handsomely for an exciting go-everywhere frock. Sizes 12, 14, 16, 18 and 20.

No. 8159—Buttons topping soft gathers are pleasing on this adorable little dress. A tiny belt adjusts in the back. Sizes 3, 4, 5, 6, 7 and 8 years.

No. 1643—Ideal for a beginner in sewing — a brief-sleeved party dress with perky Peter Pan collar. Sizes 1, 2, 3, 4, 5 and 6 years.

No. 1642—Feminine as can be, this pattern comes in a wide size range, and is wonderfully easy to follow. Sizes 36, 38, 40, 42, 44, 46, 48, 50 and 52.

No. 8166—Designed particularly for the larger figure is this simple, delightfully cool nightie. Sizes 36, 38, 40, 42, 44, 46, 48, 50 and 52

No. 1626—Slip into this side-buttoned house frock and start your day with a song. You'll look pretty and efficient. Sizes 34, 36, 38, 40, 42, 44, 46 and 48.

Don't fail to send for the Summer issue of FASHION—it's filled with ideas for smart summer wardrobes. There are a good many special features in this new book. There are ideas, directions and helpful hints. It also contains a free printed pattern. And all may be had for 25 cents in coin or stamps (coin preferred).

Any of the patterns shown above may be had for 25 cents in coin or stamps (coin preferred). Send your orders to the Pattern Department of Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. There are sometimes unavoidable delays in mailing, so be sure to order in plenty of time to receive them when wanted.

COOKERY CORNER

Pecan Nut Balls

½ pound of butter
4 tablespoons of granulated sugar
2 teaspoons of vanilla
2 cups of flour (measure before sifting)
2 cups of pecans (measure before grinding)
¼ teaspoon of salt

Roll dough into small balls about the size of a walnut. Bake half an hour in a moderate oven. Roll in powdered sugar while hot. Roll once more when cold. This recipe makes 60 cookies.—Mrs. Glen R. Cass, Sac County, Iowa.

Savory Omelet

First prepare this sauce:

2 tablespoons of minced onion
2 tablespoons of fat
1 can of condensed mushroom soup
½ cup of canned tomatoes

Cook onion in fat until soft, not brown; add soup and tomatoes; heat, stirring until smooth.

6 eggs
½ teaspoon of salt
Pinch of pepper
6 tablespoons of top milk
2 tablespoons of butter

Beat eggs; add salt, pepper and milk. Melt butter in heavy skillet and pour egg mixture in. Cook slowly, lifting edges so that the uncooked egg runs underneath. When bottom is brown, fold over in halves or thirds. Serve at once on platter covered with the above sauce. Serves three or four.—Mrs. Gladys W. Fay, Black Hawk County, Iowa.

Frozen Orange-Prune Whip

1 stiffly beaten egg white
½ cup of sugar
¾ cup of sieved prune pulp
½ cup of orange juice
½ teaspoon of grated orange rind
2 tablespoons of lemon juice
1 cup of heavy cream, whipped

Beat egg white and sugar; add prune pulp and mix well. Add the orange juice, orange rind and the lemon juice. Fold in the whipped cream. Freeze in automatic refrigerator about three hours. Serves six.—M. O., Wright County, Iowa.

Old-Fashioned Fish Chowder

2 pounds of haddock
2 slices of salt pork (diced)
1 onion (chopped)
4 cups of sliced potatoes
1 teaspoon of salt
Pepper
1 tablespoon of butter
1 tablespoon of flour
2 cups of milk

Cut fish in pieces of the same size. Fry pork until crisp, add the onion and cook until light brown. Strain fat into kettle and add fish, potatoes, salt and pepper. Cover with cold water, bring to boiling point and simmer until potatoes are tender, about 20 minutes. Mix butter and flour and add to the chowder with the milk. Bring to boiling point again. Add soup croutons and serve piping hot. — Mrs. Morris Doty, Harrison County, Iowa.

Potato Chips Hot Dish

3 packages of fresh potato chips
1 can of tuna fish
1 can of mushroom soup
⅛ teaspoon of salt
Pinch of pepper

Alternate layers of chips and tuna fish, salt and pepper. Pour over this one can of mushroom soup; fill can with milk and pour over all. Bake in a 350-degree oven for 45 minutes.—Mrs. Glen R. Cass, Sac County, Iowa.

Jellied Meat Loaf

1 tablespoon of unflavored gelatin
4 tablespoons of cold water
¾ cup of boiling water
1 teaspoon of grated onion
1 tablespoon of horseradish (drained)
½ cup of salad dressing
½ cup of chopped celery
½ cup of chopped pickle
2 cups of left-over meat, coarsely chopped

Soak gelatin in cold water for five minutes. Add boiling water, stir until dissolved, when cool add remaining ingredients. Pour into mold and chill.—Edith S. Norris, Keokuk County, Iowa.

Baked Salmon and Macaroni

3 cups of cooked macaroni
2 cups of salmon
½ cup of buttered bread crumbs
2 cups of medium white sauce
⅔ cup of grated cheese
Salt and pepper

Remove bones from salmon. Fill well-oiled baking dish with alternate layers of salmon and macaroni, and white sauce to which cheese has been added. Cover with bread crumbs. Bake in a 350-degree oven until brown on top (45 minutes). Will serve eight.—Harriette Riddle, Keokuk County, Iowa.

Peanut Butter Cookies

¾ cup of peanut butter
½ cup of brown sugar (honey or maple syrup may be substituted for the sugar; if so, reduce water to one tablespoon).
¾ cup of flour
1 egg, lightly beaten
¼ teaspoon of salt
½ teaspoon of cinnamon
½ teaspoon of baking soda
2 tablespoons of water

Cream peanut butter and sugar. Mix and sift dry ingredients. Add egg, dry ingredients and water to peanut butter mixture. Blend well. Chill thoroly. Roll out into a thin sheet and cut with a small cooky cutter, or make into a small roll, slice and flatten each cooky with a floured fork. Bake in a 400-degree oven for eight minutes. Yield, about 50 small cookies.

A Dollar For Your Recipe

The last time I asked you readers to send in your favorite recipes, war shortages still cramped cooks. Many of the common articles couldn't be bought. So I asked then for recipes which were practical in a period of shortage.

But things are getting better. Many of the scarce products are back. Even a little more sugar is promised.

So send in your favorite recipes. You can list again some of the items we couldn't get in war-time. Send only recipes that you have tried and that have proved successful.

We pay ONE DOLLAR for every recipe printed.

Address your letters to Cookery Corner, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.—Z. M.

For BIG LOAVES in less time use RED STAR DRY YEAST

EVERYONE WILL AGREE that there is no bread quite as good tasting as that just out of the oven. And home baking experts agree that Red Star *Dry* Yeast saves hours of time and gives you bigger loaves. They find that this amazing, new yeast goes to work instantly, makes kneading easier and imparts extra flavor to baking.

Red Star *Dry* Yeast needs no refrigeration. It will keep on your pantry shelf for weeks at a time retaining all the freshness it had when you bought it. Be sure to include Red Star *Dry* Yeast on your shopping list — you'll be glad you did.

• • •

KAY ROGERS SAYS: *"Let me send you my new Recipes. Simply write me at Red Star Yeast & Prod. Co., Dept. H-5, Milwaukee 1, Wisconsin."*

QUICK RISING RED STAR DRY YEAST
KEEPS FRESH IN THE PANTRY

A PIECE of linen needn't be a priceless heirloom to win your favor. It could be baby's pillowcase—or a favorite luncheon cloth. Whatever it is, Clorox will gently make it white as new (brighten it, if it's color-fast). Clorox not only beautifies, it also makes laundry fresh, sanitary. And Clorox removes stubborn stains such as wine, fruit, coffee, blood, many ink, dye and medicine stains . . . even scorch, mildew. Directions on the label.

AMERICA'S FAVORITE BLEACH AND HOUSEHOLD DISINFECTANT

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FREE FROM CAUSTIC

Years of unsurpassed quality and performance have made Clorox the choice of millions . . . it's always uniform . . . it's always dependable!

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There's a thrilling new experience in store for you with the new improved VACOLITE one-piece HEARING AID! The tiny, attractive case and cord are NOISELESS. The VACOLITE is static-proof . . . transmits only the brilliant clearness of natural sound. It's the Hearing Aid you've been waiting for.

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FREE booklet and revealing information are yours for the asking. Mail Coupon TODAY to the VACOLITE COMPANY, Dept. M, 3003 N. Henderson, Dallas 6, Tex.

Please RUSH me full information about the amazing new one-piece VACOLITE.

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HOT FLASHES?

Women in your '40's'—this great medicine is *famous* to relieve hot flashes, nervous tension—when due to the functional 'middle-age' period peculiar to women. *Worth trying!*

LYDIA E. PINKHAM'S VEGETABLE COMPOUND

WE PAY HIGHEST PRICES for new goose and duck feathers. Feathers must be free of quills and contain natural down. Old feathers—send sample for price. No commission charge. All shipments accepted. PROGRESS FEATHER COMPANY, 657 W. Lake St., Chicago 6, Illinois.

PHOTO FINISHING—Beautiful enlargement from each picture on roll, 25c. CUT RATE PHOTOS, Dept. B2, Janesville, Wis.

World's Champion! L. E. Peterson, Victor, Montana, claims more championships in world competition than any other small grain exhibitor. Won still another first place award (for Durum Wheat) at the 1946 International Grain and Hay Show.

• • •

"Cereals? I've tried about all of them," says L. E. Peterson. "And my favorite cereal dish is Wheaties, 'Breakfast of Champions.' I'm sure wheat is one of the world's greatest foods. And I say that Wheaties have plenty of good nourishment—good flavor." *Wheaties*—America's favorite whole wheat flakes—*take first place on the Peterson breakfast menu.*

General Mills, Inc.

"Wheaties" and "Breakfast of Champions" are registered trade marks of General Mills, Inc.

JUST your size! Wheaties' new Extra-Big-Pak. Holds 50% more than the regular package. Right amount for your family. Be sure to ask for the Extra-Big-Pak. Get your share of Wheaties' extra-swell flavor.

Pressure Pan Cookery

This New Utensil Requires New Methods For Care and Cooking

THERE'S a new cook book out that tells all about this new utensil — the pressure pan. This book, "Pressure Cookery," written and edited by Leone Rutledge Carroll, describes in detail the various kinds of pressure sauce pans and tells how to use them. The book is published by M. Barrows & Co., New York. It costs $2.

Pressure cookery is a new item in housekeeping. A good many of our homemakers, particularly out on farms, have used pressure canners for years. They will be familiar with the general technique of this type of utensil.

But the pressure pan is becoming so popular and is used both in the country as well as in town. Instead of seasonal use, it is practical for nearly every meal. And it does not require special attention.

There has been a lot of new kitchen equipment in the last few years—automatic refrigerators, stoves, irons, power washers, etc. But here's a little article that is in reality just another pan. Still, it is revolutionizing cooking.

The pressure pan requires an entirely new technique when it comes to preparing meals. Where it used to take hours to prepare some foods, now it is a matter of minutes.

This is where this cook book comes in handy. Mrs. Carroll discusses the different pressure pans and tells how to use and care for them.

Then she goes on with a whole book of recipes that are designed to be cooked in a pressure pan. Time, pressure and methods are all carefully worked out.

To complete the book, she ties the recipes to menu suggestions. These are not menus to be cooked together in one pan, but simple, every-day combinations in which pressure pans can be very useful.

Here are a few recipes included in the book. These are just samples to show how good they are.

Brown Betty

Ten minutes, 15 pounds of pressure, one cup of water.

18 graham crackers
1 cup of brown sugar
1 teaspoon of cinnamon
1½ cups of apple sauce
1 tablespoon of butter

Break graham crackers in coarse pieces. Add sugar and cinnamon. Make alternating layers of cracker mixture and apple sauce in greased casserole. Dot top with butter and cover. Place on trivet and cook for 10 minutes at 15 pounds. Serve with whipped cream or top milk.

Stuffed Cabbage

1 medium head of cabbage
2 tablespoons of fat
1 pound of ground meat
1 cup of cooked rice
1 medium onion, chopped
1 teaspoon of salt
½ teaspoon of paprika
½ cup of tomato puree
1 cup of tomato juice
3 tablespoons of flour
1 pint of sour cream

Heat fat in pan, add meat and brown. Add next five ingredients and heat. While meat browns prepare cabbage. Remove the outer leaves; cut off one-fourth to one-third of the top and hollow out with a sharp knife to make a three-fourths-inch cabbage shell. Now fill with meat mixture. Place on trivet in pan; pour tomato juice around. Cover, seal and cook for 20 minutes at 15 pounds pressure. Remove stuffed cabbage and thicken liquid with flour made into a paste with a little water. Stir in sour cream and heat to boiling. Pour over stuffed cabbage. Serve with boiled rice or cooked macaroni. Serves eight.

Flank Steak, Vegetable Stuffing

Forty minutes, 15 pounds pressure, one-fourth cup of water.

2 tablespoons of fat
1 flank steak
1 stalk of celery, chopped
1 tablespoon of minced onion
1 tablespoon of minced parsley
1 large carrot, grated
½ green pepper, minced
3 tablespoons of French dressing

Score meat on both sides, cutting across fibers. Scatter mixed vegetables over steak, sprinkle with French dressing. Roll and tie, or fasten with skewers. Brown steak on all sides in fat in pan. Lift and put trivet in place. Add one-fourth cup of water, seal and cook 40 minutes. Serves six. Potatoes, carrots and onions may be cooked around steak in the last part of the cooking period. Just before serving, brush meat with kitchen bouquet for roasted-brown look.

Chili Con Carne

2 tablespoons of shortening
1 pound of ground beef
1 medium onion, chopped
1 clove of garlic, minced
2 cups of tomato puree
1 teaspoon of salt
2 cups of cooked kidney beans
⅛ teaspoon of pepper
1 teaspoon of chili powder
½ cup of grated Parmesan cheese

Heat shortening in pan; brown meat in shortening. Add onion and garlic and brown slightly. Add the remaining ingredients except the cheese. Seal and cook seven minutes at 15 pounds pressure. Serve in bowls with cheese sprinkled over top. Serves six.

Tenderloins in Sour Cream

2 pork tenderloins
2 tablespoons of butter
1 small onion, minced
1 pint of sour cream

Cut tenderloins in four pieces each: flatten by pounding: brown in butter in pan, frying the onion slightly toward end of browning period. Put in sour cream. Cover, seal and cook 25 minutes at 15 pounds pressure.

Raisin Puffs

Fifteen minutes without pressure—30 minutes at 15 pounds pressure—two cups of water.

6 tablespoons of butter
1½ teaspoons of sugar
1 egg, well beaten
1 cup of milk
1¾ cups of flour
¾ teaspoon of nutmeg
2 teaspoons of baking powder
⅛ teaspoon of salt
¾ cup of raisins

Cream butter; gradually add the sugar and egg. Then add milk alternately with dry ingredients. Stir in raisins. Pour into buttered custard cups to two-thirds full and cover. Place on trivet, add water, and cook first without pressure, then with pressure. To serve, turn from molds and serve hot with lemon sauce. Serves six.

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TELL THE ADVERTISER that you are writing him through his advertisement in WALLACES' FARMER AND IOWA HOMESTEAD.

The Lilacs Still Bloom

People Come and Go, But the Lilacs Are Always Faithful

THE lilacs group like squat sentinels at the back and front of the old farmhouse. Planted more than 50 years ago by a hand stilled these many years, they have lived to flower beyond the dreams of the eager one who put them there.

He planted them for Alice, and as he dug the deep holes and spread the roots of the tiny bushes, he dreamed his dreams of the farm and the house, while he gently spread the dirt over the roots and poured the clear water from the well.

Outside the fence, the 10-year-old Fred played at planting, and just for fun set out the horseradish and the rhubarb roots, as he played.

Tiny Benjamin toddled about his father's legs, alternately making a clutch at the long limbs and then lurching away on his own small, unsteady feet.

Shirley Smith, daughter of Mr. and Mrs. Paul Smith, Story county, Iowa, helps in their big garden.

At the dinner table that noon, Albert painted his glowing picture for his prim, small wife, young Alice, with the brown hair and the blue eyes, her erect, firm little figure hidden beneath the voluminous folds of the gray calico and the black-and-white checked waist apron.

If the lilacs grew, they would provide fragrance and beauty, and their branches would protect the small house squatting there on the open prairie.

The years went along, and the lilac bushes flourished and grew, but they did not bloom. The red-haired Albert dreamed less and the fair Alice wept in her apron much more often than she cared to tell.

At 10, Benjamin was a pale wraith of a child, and Fred, a robust roustabout, taught at a neighboring school. Benjamin did not flourish; he sickened as the years went along.

The money that was to have made the dreams come true (the hard-wrested money from the stubborn soil), went to buy health for Benjamin.

The spring they left the farm for a better climate for Benjamin, the lilacs came to fruition. The fat, spreading bushes gave forth with fragrant lavender, and somehow it was harder then for Albert to leave. He left part of his heart behind him.

They who came next cared little for lilacs and less for the land. The pigs rooted at the bushes and the cattle roamed over the neat fence, and when the shingles flapped on the house roof they did not heed.

After them came the scavenger, and he cared for little or nothing. If a fence went down, let it go, for, if the cattle ate the neighbor's corn, so much the better. And when the scavenger left, he took part of the farm with him, and the sheriff had to get it back.

After them came the family too large for the small house. But they loved the lilacs, and they mended the fences and the buildings, and when their small one left them one lovely day in spring, they covered his resting place with lilacs.

When Albert died that lovely, long-ago spring, he muttered in his last days of lilacs, and when the breeze stirred the fine white hair that long ago had lost its flaming courage, they thought he was merely delirious.

Albert's dream of the land had not come true. Fred had lived to break his father's heart, but the small flame that has been Benjamin's burned on still, and in middle age he took up the banner his father had laid down.

Those who came next loved the lilacs, and the dream of the mother burned as fiercely as had Albert's. She dug and planted in the yard, the sun beat on the unbowed back, the knowing hands planted, watered and cajoled.

The lilacs sent forth their loveliness each spring, for days the bowers of beauty rivaled the seed catalog fable. If illness or death came to near ones, she who lived there sent flowers, and often they were lilacs.

The small boy who lived there carried them to near and far, his brown eyes beaming with the errands. He, too, was a planter. He planted the currants and set the elms and hoed and dug about the cherries, and dreamed his own fine dreams.

The year went along, and the boy grew up and went on to live a wee bit of his dream, and then came the war, and the boy went to far-off lands, leaving behind all that his dreams had held.

When he came home at last, soldiers met him at the station and covered his narrow bed with an American flag. They could not all crowd into the church.

The lilacs came again that spring, and they were carried in great plumes to his last resting place. Spring came on apace, but we who loved him hardly realized it in the numbness of our frozen grief.

The lilacs that Albert planted will bloom again as all the springs come and go. For ever has it been that willing, eager hands shall plant and perhaps not be there to know the fruition of the good that they have done. — B. S. P., Holt County, Nebraska.

★ Milk-borne diseases as reported by State and Local Health Authorities to the U. S. Public Health Service include undulant fever, tuberculosis, scarlet fever, typhoid fever, septic sore throat, diphtheria, dysentery, diarrhea, paratyphoid fever.

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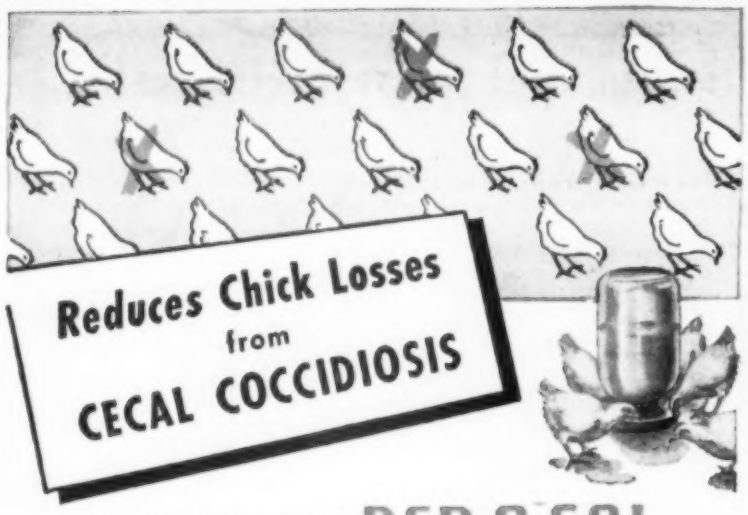

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You can *prevent needless losses* from cecal (bloody) coccidiosis *easily* with Dr. Salsbury's Ren-O-Sal. *Reduced losses* in thousands of flocks last year.

Upon the *first signs* of cecal coccidiosis (bloody droppings), give eight Ren-O-Sal tablets to each gallon of drinking water. *So easy* to use. Just drop *handy* tablets into the water; *mix thoroughly.* No complicated handling. *Economical. Safe* in any waterer—even metal.

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Used in the drinking water, two tablets to the gallon, Ren-O-Sal gives your chicks these tonic benefits: *faster growth, quicker maturity . . .* yes, and *earlier egg production.* These benefits have been substantiated using customary feeds.

Don't miss out on these valuable *benefits* Ren-O-Sal can give your flock. Use it *regularly* in small doses for *faster growth;* keep it handy for *quick help* in large doses when *cecal coccidiosis strikes.* Get *Dr. Salsbury's* Ren-O-Sal at hatcheries, drug, feed, other stores, *now.*

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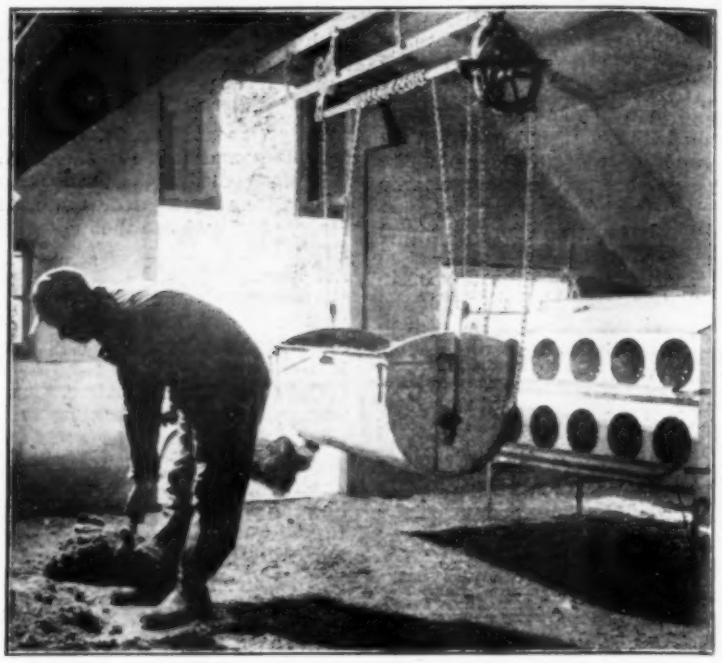

Litter carrier installed in hen house saves time and makes the job of cleaning easier for Virgil Smith, of Boone county, Iowa.

Give Chicks Fresh Air

Keep Your Eye On Brooder Temperature

I ASKED a friend what he would write about if he were preparing a poultry article today. "The weather," he answered. I guess all of us would like to do something about it.

There are many things you can do to keep the ups and downs of spring weather from having a bad effect on your chicks.

For one thing, do not coddle them. Do not be afraid to let them have fresh air. Keep your eye on the outside temperature. Regulate your brooder temperatures accordingly.

If you are using an electric brooder, it won't be so hard to do. There is always a cool area away from the brooder.

Chicks can move away from the brooder when the outside temperature jumps from near freezing to 50 or 60. Even so, the sun shining on windows can step the house temperature up in a very short time.

The problem is more difficult with oil or coal brooders. They tend to heat up the entire house. And when outside weather warms up, it is almost impossible to cut the heat enough by thermostatic control.

The bed of hot fuel continues to give off heat. So it is necessary to open windows and control the inside temperature that way.

I realize that by the time you read this, May will be here. But there are many of you who, like us, will have late chicks this year.

This advice holds good for May chicks just as much as for earlier ones. In fact, the warmer the weather outside, the more care is needed to keep brooder houses well ventilated. Otherwise, you may have a bunch of weak, devitalized chicks.

I think chicks are somewhat like little pigs. The sooner they can get their feet on the ground, the better off they are.

I know that many chicks are raised on wire or concrete without ever touching the ground. If you have the necessary know-how and equipment, that is fine. But few of us have the time or knowledge to carry on such a scientific program.

So, even if the day is chilly, do not be tempted to keep the chicks shut in the house. Remember that if they have been allowed to run in and out at will, and know their way home, they will not stay out long enough to get chilled.

Chicks will dodge in and out of the house like they do under the hover when they are very young. They get sunshine and a bite of green grass—and both make for sturdy chicks.

They are not half so anxious to pick at themselves or each other. That comes largely from overheated houses and a lack of fresh air.

What are you doing with those broody hens this time of year. Selling them, I hope. You can shut them up and overcome the broodiness in a few days or weeks. But you can not make laying hens out of them before late summer or early fall.

Wouldn't it be better to sell a broody hen and put the money and feed into a chick that will be ready to lay almost as soon as the hen herself?

Egg production falls off at least 25 per cent the second year. This means that a pullet will be a much better layer the next fall than will the hen which is entering her second laying season.

At least, get the broody birds shut up and out of the way. They are one cause of dirty nests and broken eggs.—M. B., Jasper County, Iowa.

Wonderful Success
Raising Baby Chicks

Mrs. Rhoades' letter will no doubt be of utmost interest to poultry raisers. Read her experience in her own words: "Dear Sir: I think I must be one of the very first to use Walko Tablets. Some 35 years ago when I started raising chicks I saw Walko Tablets advertised as an aid in preventing the spread of disease through contaminated drinking water. I tried a package for my baby chicks with happiest results. I have depended on Walko Tablets ever since."—Mrs. Ethel Rhoades, Shenandoah, Iowa.

Danger of Disease Among Baby Chicks

Readers are warned to exercise every sanitary precaution and beware of infection in the drinking water. Baby chicks must have a generous supply of pure water. Drinking vessels harbor germs. Drinking water often becomes infected with disease germs and may spread disease through your flock before you are aware. Use preventive methods—use Walko Tablets. For over forty years thousands of poultry raisers have depended upon them. You, too, can rely on Walko Tablets as a valuable antiseptic to aid in preventing the spread of disease through contaminated drinking water.

You Run No Risk

Buy a package of Walko Tablets today at your druggist or poultry supply dealer. Use them in the drinking water to aid in preventing the spread of disease through contaminated water. Satisfy yourself as have thousands of others who depend upon Walko Tablets year after year in raising their little chicks. You buy Walko Tablets at our risk. We guarantee to refund your money promptly if you are not entirely satisfied with results. The Waterloo Savings Bank, the oldest and strongest bank in Waterloo, Iowa, stands back of our guarantee. Send direct postpaid if your dealer cannot supply you. Price 50c, $1.00, $2.50, and $4.00.

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PETERSEN'S SHEET METAL WORKS, DENISON, IOWA

Running water in hen house saves work for George Triska, of Henry county, Iowa.

Sarah Jane Says:

Mud Road Bothers

To the Editor: I came along to a sale today—we needed a few feeder pigs to drink skim-milk, and we had to have a few pieces of machinery. This was going to be washday, but Mr. G. said: "Oh, come along."

It was supposed to be 10 miles, but I have decided that people in these parts have no conception of distance. Or maybe it seems farther because of the mile and a quarter of mud at the other end of the journey.

One spot in the road needs a grade and culvert. So our mail carrier comes when he is so inclined. Hence, I'm writing this so I can mail it before I go home.

We finally finished moving. Mr. G. is going back after the pile of stove-wood he left—and some hog wire, a hog trough, etc. I finally found the fixtures for the curtain rods, so I guess I'll not have to go after anything.

I've started to rake the yard. Mr. G. has made a cover for the cistern and a trough for the barn well. He's been putting machinery together and greasing his wagon, etc.

We've partly cleaned the basement. But there still is a pick-up load of ashes and jar-lids there.

A peach tree has grown so the garden gate won't open properly. Scott wrote about a battle-ground where grass and weeds covered the dead men's bones: "The knott grass fetters now the hand that once could burst an iron band." (Mr. G. cut a limb off the peach tree.)

I had a chance to buy 30 chickens five weeks old. I wanted them, but if I had taken them there wouldn't have been a place for the larger bunch of pullets I am to get in June.

I am still using some of my Wisconsin eggs. It has been cool, so they are still good. I miss the hens, but I believe by the time I get our laying house cleaned up, some young birds will be ready to live there. There isn't any way to clean it except to carry it out in a tub.

I must tell you Mr. G.'s comment on our dim little kerosene lamp. Coming in to supper one night, he asked. "Did you burn out a bulb in here?"—Sarah Jane, Clarke County, Iowa.

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that's easy . . .
ARCHER FEED!

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"Archer Quality Feeds are sure-profit feeds, both from my point of view and that of my customers. That's why I carry only the Archer line today. My customers know that they can get big profit results with Archer Feeds. Their livestock and poultry grow faster and produce more per unit of feed when fed the Archer way. Add to this the reasonable cost of Archer Feeds, and it's easy to see that Archer really means *sure-profit!*

"Here's a tip. If you have any feeding problems, see your local Archer Feed Store Owner or write direct to the Archer Feedmasters."

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✓ PURE-MOR Disinfectant

with HILLTOP LABORATORIES' Easy PLAN

HILLTOP SULFA-MOR should be given at first signs of Cecal Coccidiosis to cut chick losses to a minimum. Treatment is simple—mix one pound of SULFA-MOR (which contains 100% Sulfaguanidine and Sulfathiazole) with 100 pounds of mash. SULFA-MOR controls Cecal Coccidiosis, cuts death loss, moderates retarded growth.

HILLTOP PURE-MOR Pine Oil Disinfectant disinfects poultry houses and equipment efficiently when used regularly. It has five times the germ-killing power of carbolic acid. One quart of PURE-MOR makes 25 gallons of full strength disinfectant.

HILLTOP K-M in the drinking water daily during our tests, showed that chicks drank 13% more water, ate 15% more feed and gained 20% more weight. Used as directed, K-M kills germs of pullorum, typhoid, paratyphoid and cholera in drinking water.

INSIST UPON THIS TRADE-MARK

SEE YOUR DEALER TODAY

HILLTOP LABORATORIES — Aids for Poultry —

718 WASHINGTON AVE. N., MINNEAPOLIS 1, MINN.

MOTHER MILLER CHICKS

FAMOUS LAYERS SINCE 1912

EXTRA LAYING POWER FOR NEXT WINTER

There's still time to add a flock of Mother Miller "Famous Layer" chicks . . . "hardybred" to get on the nest early and give you plenty of big, extra-money, winter eggs. Our fine "point-bred" breeders put real quality into the egg before the chick is hatched . . . assures high livability, early maturity and high egg production. Our 35 years' experience . . . modern methods and equipment . . . and over 4,000,000 annual chick capacity, give you extra quality at no extra cost. ORDER TODAY FROM THIS AD.

ILLINOIS U. S. APPROVED—PULLORUM TESTED

GRADE	BREEDS	100	300	500
Quality Mating	S. C. White Leghorns S. C. Brown Leghorns	$ 9.90	$29.20	$48.50
	Pullets in above Breeds	19.80	58.90	98.00
	Cockerels in above Breeds	2.95	Order Leghorn Cockerels with regular chick order.	
	Wh., Barred, Buff Rocks, S. C. Reds, Wh. Wyan., Buff Orp., New Hamp.	$ 9.90	$29.20	$48.50
	Pullets in above Breeds	11.90	35.20	58.50
	Cockerels in above Breeds	9.90	29.20	48.50
Special Mating	S. C. White Leghorns S. C. Brown Leghorns	$11.90	$35.20	$58.50
	Pullets in above Breeds	21.80	64.90	108.00
	Cockerels in above Breeds	3.95	Order Leghorn Cockerels with regular chick order.	
	Wh., Barred, Buff Rocks, S. C. Reds, Wh. Wyan., Buff Orp., New Hamp.	$11.90	$35.20	$58.50
	Pullets in above Breeds	13.90	41.20	68.50
	Cockerels in above Breeds	11.90	35.20	58.50
Royal Mating	S. C. White Leghorns S. C. Brown Leghorns	$14.90	$44.20	$73.50
	Pullets in above Breeds	23.80	70.90	118.00
	Cockerels in above Breeds	4.95	Order Leghorn Cockerels with regular chick order.	
	Wh., Barred, Buff Rocks, S. C. Reds, Wh. Wyan., Buff Orp., New Hamp.	$13.90	$41.20	$68.50
	Pullets in above Breeds	15.90	47.20	78.50
	Cockerels in above Breeds	13.90	41.20	68.50

Heavy Asstd. $7.95 per 100 Light and Heavy Asstd. $6.95 per 100

NOTICE

Add 1c per chick if ordered in lots of less than 100.

ORDER FROM THIS AD TODAY!

or send postal card for FREE BOOK. TERMS—Send $1.00 per 100 chicks with order, balance to be paid in 10 days before delivery—or send cash for immediate shipment. No C.O.D. shipments, nor less than 25 chicks of one variety. We guarantee 100 per cent live delivery . . . and 95 per cent accuracy in sexed chicks.

THE MILLER HATCHERY Department 95, Bloomington, Ill.

THE HOME OF MOTHER MILLER ROYAL MATINGS

34—498

Pep Prevents Cholera

FOWL cholera seems to make its appearance most frequently during cool, wet weather, when egg production is at its peak.

There are few poultry diseases which strike so rapidly as the acute form of cholera. Birds that seemed healthy the night before may be found dead under the roosts the next morning. Or they may die on the nests, or while walking around the yard.

Losses of 75 per cent may occur within a few days.

The chronic form of cholera has all the outward appearances of roup. Affected birds have a sticky discharge about the beak and nostrils, and may be seen gasping for air. The head and wattles often become swollen and may turn a dark color.

The best way to prevent cholera is to avoid lowering the bird's resistance. Germs that cause cholera are widespread. They may be present in the respiratory tract of birds without ill-effects.

But when the bird's resistance is lowered by exposure to cold, sudden change in the ration, overcrowding, or unsanitary conditions, the germs get a chance to attack the body and produce the disease.

In case of an outbreak, prompt removal and burning of dead or sickly birds is important. Clean the house and change the litter regularly. Frequent cleaning of feeding and drinking utensils is also an important measure of control.

Many poultry raisers change the ration during an outbreak, so that it contains less corn and protein and more bran and oats.

Birds recovering from an attack of cholera should not be kept for another year. Recovered birds are immune to the disease themselves, but they may pass it on to new stock.—A. W. R.

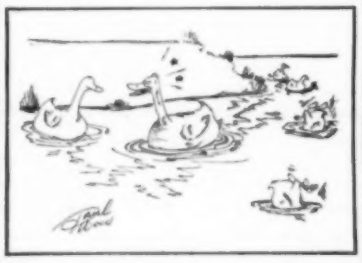
Turkey Outlook Is Brighter

Turkey prospects are brighter than last fall, say Iowa State College economists. Growers stand to come out all right if business conditions stay near present levels.

Supply side of the turkey picture is good. A January USDA survey showed turkey growers planned to cut output 16 per cent this year. February and March hatchings dropped by at least that amount.

There's a little less turkey in cold storage than at this time last year, too. And it's moving out fast.

Iowa State College says turkey prices could stay at last year's level even with a 12-point drop in non-farm income. Unless, that is, supplies of other meats reduce the demand for turkey.



"Why didn't you tell me this pond had a rock bottom?"

Germozone is great for Growing Birds

You have a lot invested in those birds by now. There is just as good reason to protect your growing birds as there was when they were chicks. Guard the drinking water. Keep it fresh and clean. Take advantage of the additional help Germozone gives. Mixes easily, instantly, uniformly. The value of Germozone is supported by many years of use by thousands of poultry raisers. Get Germozone from your Lee Dealer, (drug, feed or hatchery.)

Geo. H. Lee Co., Omaha 8, Nebr.

GERMOZONE The Liquid Drinking Water Medicine

WHITE LEGHORNS

UNSEXED $9.90—PULLETS $15.90

ROCKS . . . R. I. REDS
ORPINGTONS
WYANDOTTES
MINORCAS
ASSORTED . . . . . $7.45 Per 100

$9.90 Per 100 Prepaid

FREE CATALOG explaining 2 week replacement guarantee.

U. S. APPROVED—U. S. PULLORUM CONTROLLED
R. O. P. Foundation Breeding

SCHLICHTMAN HATCHERY, Appleton City, Mo.

TURKEY POULTS FOR SALE

Broad Breasted Bronze (Wagon Wheel Strain) White Hollands—USDA Small Whites—Bourbon Reds—Narragansetts—Black Spanish. A complete variety. Sexed Poults. (Low price on Sexed Hens.) Also Started Poults. Every order U. S. Approved, Pullorum tested and guaranteed! Get our prices today. If possible, please state number, breed and date wanted. This will help answer your inquiry. Phone 20 F 2, or wire if you are in a hurry.

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STOUFFER'S CHICKS

U. S. Approved and Pullorum Tested

White Buff Leghorns, Anconas, Rocks, Wyandottes, N. H. Reds, Orpingtons, $12.90. Started Leghorn Pullets. Also sexed chicks. AAA Matings, 1c per chick higher. Get complete prices. Heavy Assorted, $7.95. Light Assorted $6.95. Leghorn Cockerels $1.95. Collect.

SADIE STOUFFER HATCHERY
Waddams Grove, Illinois

BIG PROFITS this year with Roscoe Hill Chicks. Heavy laying Austra-Whites, White Leghorns, White Rocks, Blood Rocks, Reds, Wyandottes, Orpingtons, Rock-Legs give you choice of breeds for eggs or meat profits. Flocks improved by use of hundreds of pedigreed males—from 200 to 311 egg hens. Hundreds of customers testify to big profits with Roscoe Hill chicks. Write for New Catalog, prices and early order discount.

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We ship on dates promised, prepaid. White Leghorns, Barred, White Rocks, Austra-Whites, $11.90; Reds, Wyan., Orp., N. H. Reds, $12.90; $13.90. Heavies, our choice, $9.95. Layers and Roasters, $7.95. Light assortment, $2.95. Seconds, $4.95. Leghorn cockerels, $1.95. Catalog Free. Also pullets and cockerels, get our prices on 3 to 4-week-old White Leghorn pullets.

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MAMMOTH WHITE PEKIN DUCKLINGS

Over 5,000 breeder ducks kept on our own farm. 3,500 of them 2 years old. Hatching ducklings the year around, can fill your orders large and small. Sexed ducklings available. Send for Big, Free Duck Raisers Guide, tells all about duck raising.

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Choice TURKEY POULTS

Place your order now for Mixa Broad Breasted Bronze Poults, backed by careful breeding and scientific hatching. Famous breeds include Hamilton, California Farms, Ryckebosch, Ramonas. State pullorum controlled . . . no custom hatching or chicks hatched. 100% live delivery guarantee (extra poults included in each shipment). Nearly 600,000 sold last season. Write for literature. Redwood Falls, Minn.

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FULL 4 WEEK OLD WHITE LEGHORN PULLETS $26.90

MODEL CHICKS Grade AAA PER 100

Raised by Our Air-Cooled Method
U. S. APPROVED — PULLORUM TESTED
100% Arrival Surplus Cockerels $3.95

Alexander's Model Hatchery BOX 102 Creighton, Mo.

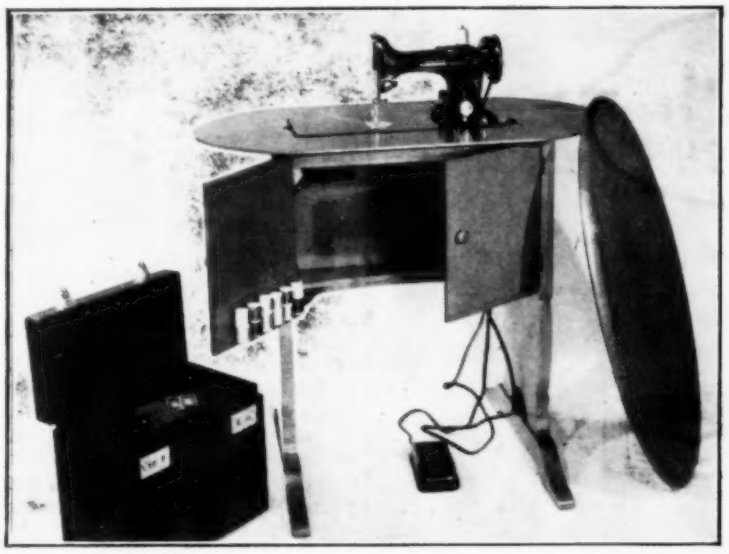
KENT 44% HOG SUPPLEMENT
(For pasture feeding)

Profitable hog feeding operations call for a ration that provides the nutrients needed for fast, economical gains. KENT 44% HOG SUPPLEMENT for pasture feeding provides all these nutrients to balance your corn and pasture. It may be fed cafeteria style or mixed with corn. Supplemented with pasture, it will give your hogs the proper nutritional balance. Order a supply from your nearest KENT dealer today.

KENT FEEDS
"THE FEEDS WITHOUT A FILLER"

MISSISSIPPI VALLEY GRAIN & FEED CO. - Muscatine, Ia.

What's New
For Farm and Home?



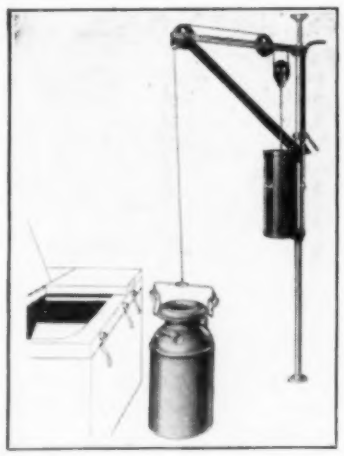
New Designs give sewing machines three uses: (1) You can use the electric unit for home sewing; (2) you can put the removable top back on, and make a nice table for use as a piece of furniture; or (3) you can lift the machine out, put it in case at left and take it on vacation trips. Available at Singer Sewing Centers.

Tend your garden this modern way. Quick; easy; far better for the plants. Rotating blades and underground knife destroy the weed growth. "Best Weed Killer Ever Used." In same operation they break up the clods and crust, aerate soil, work the surface into a level moisture - retaining mulch. Gets close to the plants; has leaf guards. In use 45 years. New patented filler drum and other big advantages. 7 sizes.

A boy or girl can operate it—do more and better work than 10 men with hoes.

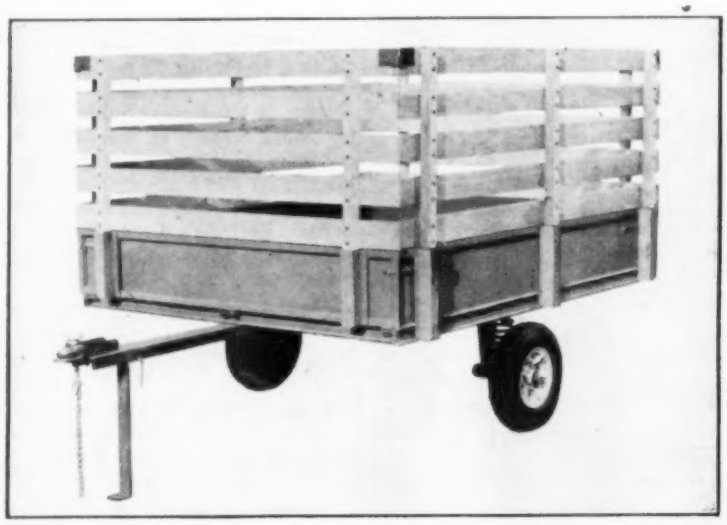
Labor is the big problem. Save time, save labor. Write today for catalog and direct - to - you prices.

BARKER MFG. CO., Box 12, David City, Nebr.



Can Hoist which works from a milking machine is now offered to farmers. Uses 15 inches of vacuum and requires no other power. Can be used to lift cans of milk into or out of milk cooler. A grapple slips around the neck of the milk can easily. It is made by the DeLaval Company.

Your Car, truck or tractor furnishes pressure for this sprayer. Remove one spark plug, screw in the air plug. The sprayer, weighing 70 pounds, can sit in trailer. Can be used for weed killers, orchard sprays, disinfectants or whitewash. Will inflate tires. Made by the Walsh Mfg. Co.



All-Steel Trailers are being offered farmers in several styles. This one has independently sprung wheels with 19-inch clearance. Rack for hauling livestock. The ends can be let down for hauling lumber or other long material. The trailer weighs 420 pounds and will haul a load up to 900 pounds. Capacity can be doubled by adding two more wheels. Made by Stahmer Farm Equipment Co.

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IMMEDIATE DELIVERY

Also dynamite for Rocks and Stumps. A time and money saver. Improve your land with profit to yourself. Write for price list and information on our FULL LINE OF EXPLOSIVES.

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DE VRIES Long Island WHITE PEKIN DUCKLINGS

Bred for fastest growth—largest size. Genuine Long Island Breeding. $24.00 per 100. Special prices on 500 or more. Hatches every week. Catalog FREE.

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ZEELAND, MICHIGAN

DUCKLINGS

White Pekin and Buff Orpington Ducklings, $5.50 for 25, $16.50 for 50, and $32.00 per 100. Heavy Mixed, 4 cents less each. Postpaid.

SCHEUKELS HATCHERY, SPRINGBROOK, IA.

BUIS MAMMOTH BRONZE TURKEY POULTS at 80c each. All breeders TUBE TESTED under Minnesota State supervision. WESTERN NORBRET POULTS at 85c each. Some dates already sold out. BOOK YOURS TODAY.
BUIS TURKEY HATCHERY ST. JAMES, MINN.

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With This New SUPER-DRAULIC HOIST Unit

Farmers, mechanics, blacksmiths,—build Tractor loaders and dump trailers for yourselves — build them for others! Save money—make money. Using our famous SUPER-DRAULIC Lifting Unit plus a few pieces of metal pipe and scrap, **anyone** can equip an International (H and M), John Deere (A and B) and all other tractors on which hydraulic pumps may be installed — own the best hydraulic loader in the neighborhood. Costs a fraction of the price of most loaders.

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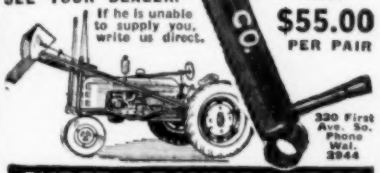
If he is unable to supply you, write us direct.

ONLY **$55.00** PER PAIR



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SUPER-DRAULIC MFG. CO.
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Don't let sore shoulders or collar gall slow up your plowing

• Rub Absorbine in well as soon as swelling or irritation is noticed. Apply Absorbine each day before and after the horse is worked. Be sure that the collar is not torn or lumpy, as this will continue irritation.

Absorbine speeds the blood flow through the injured parts—helps open up small blood vessels, clogged by collar pressure, thus relieving soreness. Swelling usually goes down within a few hours if Absorbine is applied as soon as injury occurs.

Absorbine is not a "cure-all" but is most helpful in checking fresh bog spavin, windgall, curb and similar congestive troubles. Helps prevent them from becoming permanent afflictions. $2.50 at all druggists.

W. F. Young, Inc., Springfield, Mass.

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CHOLERA Threat!

Cholera outbreaks again on the way! Don't risk YOUR hog profits. Have pigs

VACCINATED

and be *safe* when cholera strikes. Be sure it's done by a

VETERINARIAN

Your veterinarian knows when, and HOW, to vaccinate for maxium protection. Call him and be SURE.

Associated Serum Producers, Inc.

Try Medicrude to Treat Hogs

FOR SARCOPTIC MANGE AND HOG LICE

You don't have to take anyone's word for the satisfactory performance of Medicrude for the treatment and as an aid in the prevention of sarcoptic mange and hog lice. A whole drum will be delivered by D-X Tank Truck — use one-third of it. If not satisfied, remainder will be picked up and the purchase price refunded. See or phone your D-X Farm Salesman, or write us.

FARM D-X SERVICE

2

MID-CONTINENT PETROLEUM CORPORATION

Waterloo, Iowa TULSA, OKLA. Terre Haute, Indiana

How Big For Fall Pigs?

★ A Wallace-Homestead Poll ★

"I LIKE to see good, big hogs go to market," says a Chickasaw county, Iowa, farmer. "I like to feed hogs after they get some size to them."

This would seem to be a good year for the hog raiser who likes to make them big. Corn is relatively cheaper than hogs on foot. The supply of fall pigs is down, and the demand is strong for meat.

But not all farmers agree that this is the year to make fall pigs extra heavy. Only 9 per cent of farmers said, in a Wallace-Homestead Poll, that they expected to feed the fall pigs until they had reached a weight of 300 pounds.

The most favored weight for fall pigs seems to be 240 pounds. That weight was checked by 29 per cent of the farmers interviewed. Next was 260 pounds, with a vote of 26 per cent. Feeding fall pigs to 225 pounds was favored by 22 per cent of hog raisers.

Making fall pigs weigh from 225 to 260 pounds includes a very large majority of hog raisers—77 per cent. These are popular weights for any year.

Some farmers plan to sell fall pigs at light weights, however. At 200 pounds, said 13 per cent of the farmers interviewed. But not many will sell below 200. About 1 per cent indicated 180 pounds as the selling weight.

A Kossuth county, Iowa, farmer said: "Pigs should be marketed before they get too heavy, as there will not be such a demand for heavy hogs."

This farmer is evidently thinking that the pre-war discount against heavy hogs may begin again this year. Most farmers agree that the discount on heavy hogs will come back. But they don't look for it this year.

Other reasons for selling hogs at medium heavy weights are lack of room to take care of fall pigs along with the spring pig crop. Some fear a drop in price of several dollars, which might take away the profit in putting on the last 50 or 100 pounds.

Hog raisers agree that there's a good chance for profit in putting extra weight on the fall pigs where the farmer has plenty of room for the hogs. This is especially true for the farmer who has wet or damaged corn.

Risk of hogs going down might be less than risk of corn spoilage for many northern corn belt farmers. Fall pigs, about ready for market, can make much better use of damaged corn than the spring pigs. Pigs at weaning time need good, sound corn.

HOW BIG?

"If you have fall pigs on hand, how much do you plan to make them weigh?" Here's how farmers answered:

1 per cent said	180 pounds
13 per cent said	200 pounds
22 per cent said	225 pounds
29 per cent said	240 pounds
26 per cent said	260 pounds
9 per cent said	300 pounds

The ORIGINAL mechanical post hole digger — more in use than any other. One man digs up to 600 post holes a day — at any angle, through frost, gravel, roots, etc. Digs up to 54" deep — all size holes from 4" to 12". Big profits in custom digging for neighbors — pays for itself in four days of operation. Fits all row-crop and crawler tractors and postwar Jeeps. Rear mounts also available.

NOW! A digger designed for postwar Jeeps.

SPEEDER Dump Trailer

Dumps itself. Complete with cable and winch for easier loading and unloading. Large bed, 7x10 ft. Bed is adjustable, always level. Timken bearings. Built for heavy farm use.

SPEEDER HYST-ALL Wagon

The ONLY farm wagon that hoists without hydraulic or power take-off, or hand leverage. To hoist, just pull trip-lever and back up. Hauls bigger loads. Castored front wheels — easier to back and turn. Three-point frame eliminates twists and strains. Triple-purpose box — for grain hauling, heavy hauling, hay rack.

Write for circular and name of nearest dealer.

R. J. PIPER MFG. CO., Princeton, Illinois

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or Your Money Back

K-R-O is *guaranteed* to kill rats. Red squill, K-R-O's active ingredient, makes it *safer* to use around children, livestock, pets, and poultry. *Economical!* Two-ounce package at 75c will make 200 death-dealing baits. At most drug, feed, and seed stores. Get K-R-O today! *The K-R-O Co., Springfield, O.*

K-R-O

Many Never Suspect Cause Of Backaches

This Old Treatment Often Brings Happy Relief

Many sufferers relieve nagging backache quickly, once they discover that the real cause of their trouble may be tired kidneys.

The kidneys are Nature's chief way of taking the excess acids and waste out of the blood. They help most people pass about 3 pints a day.

When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

Don't wait! Ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 50 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

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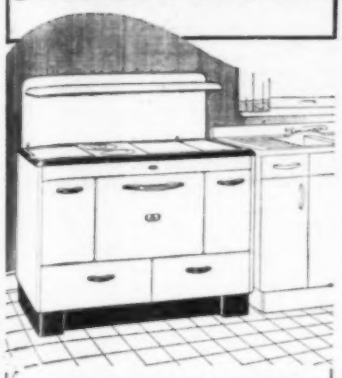
McNESS CO.

Dept. 9 Freeport, Illinois

BUY U. S. SAVINGS BONDS

MODERNIZE
YOUR KITCHEN WITH A
MEALMASTER



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POWER SUPPLIED BY CAR TRUCK OR TRACTOR
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SHATTERPROOF, STAINLESS-STEEL TANK TESTED AT 175 LB.

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WHITEWASHES
INFLATES TIRES
NO HARM TO MOTOR
PLANT OTHER USES

SEE YOUR DEALER OR WRITE:
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TWIN FEED GRAIN MOVER

BOTH TRUCK AND STATIONARY MODELS
WRITE TODAY FOR PARTICULARS
LINK MFG. CO. FARGO NORTH DAKOTA

FARMER-AGENTS WANTED
The Northwest's oldest and largest wholesale seed companies wants farmer-agents to sell well-established, well-advertised quality hybrid corn and alfalfa seed. You can make excellent commission on part time or full time selling. Build your own business from year to year! For complete details, write Box 11, care of Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

FARM TELEPHONES
DESK MODEL HANDSET WALL TELEPHONES FOR RURAL LINES. Prompt delivery by parcel post. Write: FARM TELEPHONE COMPANY Rivers Park Station Dept. 615 Chicago 26, Illinois

—Our Ads Are News—

Service Bureau

Brothers Robert and John Walker got 10 years for ransacking Iowa farm home.

Brothers Get Ten Years

Another $50 Service Bureau reward has been paid to a farmer whose property was protected by the Service Bureau sign. This reward went to L. M. Paugh, Wayne county, Iowa.

Paugh and his family had gone to town on March 12. When they came home, they found the house had been thoroly ransacked and a lady's watch, a fountain pen and a cigarette lighter were missing.

They notified the sheriff, and a check-up with highway maintenance workers revealed two young men had hitch-hiked along the road near the farm.

Wayne County Sheriff Hogue caught up with Robert and John Walker, brothers, near the Missouri line. After they had been questioned, the brothers produced their loot.

In district court, they were sentenced to 10 years in the state reformatory at Anamosa.

Who Pays for Weighing The Corn?

To the Editor: I sold some corn to my neighbor. We had it weighed, and had to pay for weighing it. Now we are arguing as to the law on who pays for the weighing. Who does?—F. A. K., Jones County, Iowa.

This would be determined by the custom in your community. There is no law on the subject. In the absence of custom, it would be governed by agreement made at the time of sale.

Nebraska Truck Can Be Used In Iowa

To the Editor: I live in Nebraska, but own a farm in Iowa. My son operates the Iowa farm, and often we have occasion to haul produce, etc., back and forth between the two farms. Do I have to stop at Iowa weighing stations? Do I have to get a special license for my Nebraska farm truck?—W. W. C., Otoe County, Nebraska.

You are entitled, under the reciprocity between states, to haul your own goods and products back and forth. You would, however, have to comply with Iowa weight laws and therefore would have to stop at Iowa weighing stations.

Keep that "Baby Bloom" for a FASTER Top Market Finish

A Spring pig's "baby bloom" is a beautiful sight to the hog raiser. But it's just another case of "beauty is as beauty does." To make certain your Spring beauties do right by you, put them on OCCO MINERAL COMPOUND.

Begin by creep feeding OCCO while the pigs are still in the suckling stage. Then after weaning, see how much easier OCCO helps make the transition to solid feeds. See, too, how OCCO helps them build sturdy, solid frames . . . the kind of skeletons that will support fast, meaty gains.

Continue your pigs on OCCO throughout the feeding period and see how OCCO shortens this period . . . how it helps put your Spring pigs ahead of a possible Fall break in prices. Just get the facts about OCCO Mineral Compound from your nearby OCCO Service Man, or write us direct.

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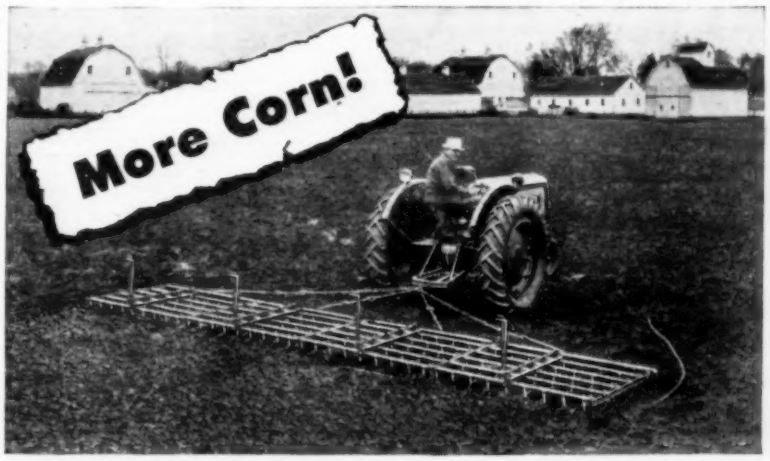

THE KEWANEE out-performs any harrow ever built for *high-speed* power farming. Extra heavy and strong for *high speeds* and hard usage. Gets right down to the job and does effective work even in cloddy ground. Prepares better seedbeds, kills weeds, saves one or more cultivations and produces bigger crops.

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Kewanee All-Purpose Elevator

Engineered to handle big loads with the speed that's needed in these fast moving day, of high-speed tractors, 2-row pickers and combines.

Extra Capacity, Extra Strength, Extra Value. Priced no higher than other leading makes of farm elevators.

Handles ear corn, small grain, baled hay, chopped feeds, soy beans and other farm products.

Portable and Bucket models. For any kind of power. All galvanized steel construction. Many exclusive features insure years of trouble-free service.

Plan now for this year and years to come. Store your crops the fast, easy modern way.

Investigate the KEWANEE *today*.

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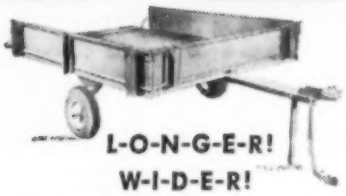
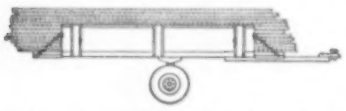
Kewanee Handy Harrows Farm Elevators

NEW! BEST EVER!
STAHMER MANY PURPOSE all steel TRAILER



Here it is... the kind of a trailer you've been waiting for! "A real job" ... offering new conveniences and construction features. Yes, it is wider and longer! Low floor height, yet with a ground clearance of 19". Double end gates ... extendable tongue permits carrying longer type loads, such as lumber ... wide enough for sheet material, such as wall board.



Smoother riding and easier to handle, with cantilever mounted automobile type leaf springs. The Stahmer is completely welded, all steel construction—16 gauge bottoms and sides mounted on extra heavy frame and with ten sturdy, stake pockets.

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The Stahmer Trailer holds 900 lbs. which can be doubled easily by adding two more wheels. Complete with tires, the Stahmer weighs 420 lbs. The sturdy Stahmer will amaze you with its many unusual features.

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Let's Boost Soybean Yields In 1947

New Varieties, Clean Tillage, Narrow Rows, Inoculation and Early Planting All Help

HOW much did your beans yield last year? Soybean yields in Iowa have been going up. But not fast enough for lots of farmers.

Successful growers of soybeans say there are several little things you can do to raise bean yields.

New varieties have been responsible for part of the upward trend. Soybean seed is scarce, may be even more scarce by planting time. But it's wise to plant one of the newer recommended varieties if you can get the seed.

Richland leads the list in northern Iowa, with Lincoln favored for central and southern Iowa. Earlyana does well in northern Iowa, is a few days earlier. The earliest good yielding variety is Habaro.

The old reliable Mukden and Manchu also do well in central Iowa. Illini is a good southern Iowa bean. Chief is sometimes recommended for use in the bottom tier of Iowa counties.

Last fall, Harry Hark, of Tama county, Iowa, got 39.5 bushels per acre. He grew Lincoln beans, in 24-inch rows. They were seeded five pecks per acre.

"Lincoln beans are a full-season variety here. They take almost too long," Hark says. "This year, I am going to put out 57 acres, but I'll use only a bushel per acre. I think I had them a little thick in the row last year."

Howard Knupp, in Benton county, Iowa, agrees that the Lincolns are a full-season bean. As with most of the highest yielding varieties, you should get them in early in their adapted territory. And you want to seed about an inch apart in the row.

Weeds often cut soybean yields. Weed control is more effective with rowed beans. But rows should be just as close as you can cultivate. Experiment station tests, and farmers' experience offer proof.

Knupp says cultivated rowed beans yield 10 to 15 bushels an acre more than uncultivated drilled beans on his place. He doesn't use a rotary hoe. Hark uses a hoe if the weather is right, then cultivates twice with duck-foot shovels on a special bean cultivator.

"A good job of preparing the seed-bed is important. You can kill lots of weeds then," Hark says. "After the beans were up three or four inches I used a rotary hoe—just put the tractor in high and never looked back. Then I cultivated twice."

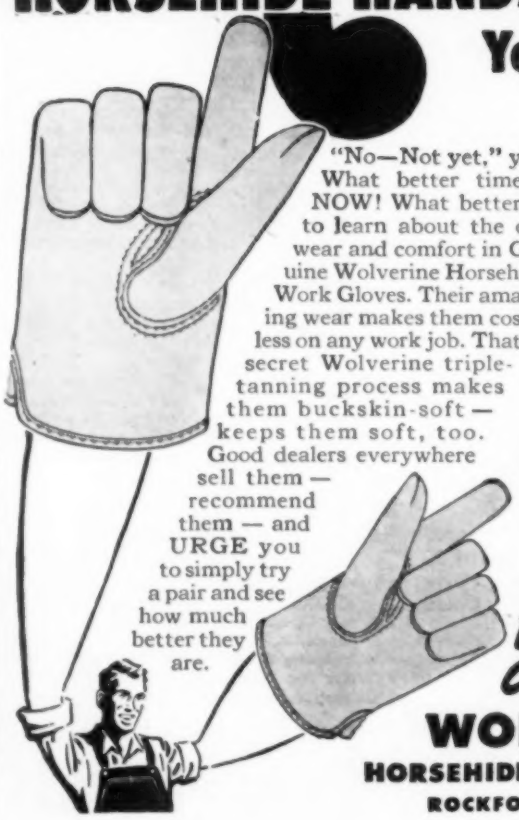
Beans have to be inoculated for best yields. You can pick up an extra bushel or two per acre that way.

Fertilizer for soybeans has not shown a profit. Better use what fertilizer you have on the corn.

If your land is rolling, you can raise the yield by contouring.

You can't do anything about the season. But you can use good seed, inoculate it, work the seed-bed well before planting, plant early in narrow rows, and keep the weeds out. These things boost bean yields.

Worn a Pair of WOLVERINE HORSEHIDE HANDS Yet...



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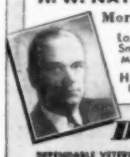

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Garden Brings New Treats

IT IS lots of fun to grow some of the not-so-common vegetables. Most gardeners raise only a dozen or so of the common kinds that are comparatively easy to grow. Then they use the rest of their garden space to grow something different.

Beginner gardeners are wise to stick to growing things that will reward regular garden practices. But habitual gardeners gain confidence. And many of them can count as many as 50 or 60 kinds of vegetables in their own gardens before the season comes to a frost-bitten close.

Both asparagus and rhubarb should find a permanent spot in every well-regulated garden. But they are often overlooked or skipped.

The newer red-stalk kinds of rhubarb require much less sweetening, for they are fairly mild. Divisions of roots can be planted successfully in fall or spring. But only spring planting of yearling asparagus plants is recommended.

Cabbage and some of its near relatives are other tasty crops often overlooked or neglected. Red cabbage makes a colorful salad, and will keep a long time.

For really high quality we recommend Savoy, a curly-leafed variety. If you haven't tried Savoy, you still have a cabbage treat in store.

Broccoli, Brussels sprouts and cauliflower, of the cabbage family, are valuable but not so easy to grow. A few plants will do for the first trial. These have the same plant enemies as cabbage and require the same protective treatment.

Swiss chard is a valuable vegetable to use for greens. Besides supplying the summer table, it cans easily for winter use. It is grown much like beets.

Celery requires plenty of water. If the long growing season becomes a little drouthy, additional water must be applied. It develops its well-known, delicious crispness in the late, cool, fall weather, and can be carefully lifted and stored for winter use.

Your first celery growing efforts may well be limited to a couple of dozen good, strong four-inch plants put out in the open garden even as late as mid-July.

Kale is another valuable greens-producing vegetable. It can be planted thruout June. Later, the plants should be spaced two feet apart in garden rows. It will produce abundantly all fall.

Kohlrabi is often known as the glorified turnip. They are grown much alike. But kohlrabi produces its tender, edible portion above the ground. It is peeled and prepared for the table about the same as turnips, but is both sweeter and more tender than most turnips.

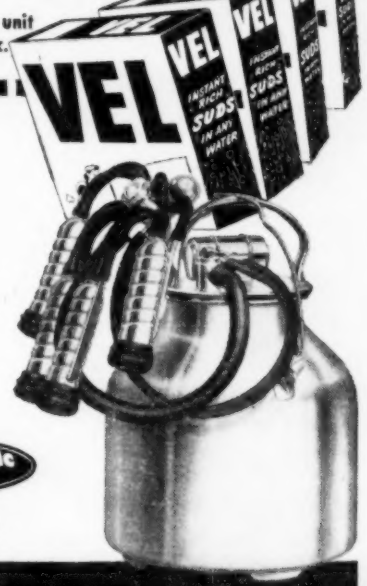
When you are thinking about second plantings of earlier vegetables, give some of these new things consideration, strictly on their own merit.

There is still time for some of them this year. And spots should be reserved for most of them to add interest to next year's garden.—Victor Felter, Warren County, Iowa.

Introducing THE NEW FASTER METHOD OF CLEANING MILKING MACHINES . . .

A YEAR'S SUPPLY OF VEL FREE! WITH A NEW PERFECTION Milker

ONE CASE (24 boxes) with one milker unit
TWO CASES with two milker units, etc.
(This offer good until June 1, 1947)



The amazing Vel cleaning method eliminates milkstone, lowers bacteria count, cuts cleaning time to a fraction. And now, for a limited time, you can get a year's supply of Vel Free with each new Perfection Milker unit.

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It's the only machine with extra-comfortable Vari-Matic Milking . . . vacuum adjusted automatically to the need of each teat for fast milking with the least possible vacuum. Buy your Milk-Master now and take advantage of this Free Vel offer!

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Use Weedone to kill poison ivy, the thistles, bindweed, other noxious weeds.

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Farm and Feed-Lot

Let Pastures Get A Good Start

You will be money ahead if you hold cattle off pastures until the grass is at least three to five inches tall. So says Floyd Johnston, ISC extension dairyman.

Johnston warns that early grass doesn't have too much value. And early grazing reduces the amount of pasture growth later on.

Turn cows out for only two or three hours the first day. Then for half a day at a time for several days. Otherwise, they may eat so much grass they won't eat enough dry feed, Johnston says.

He says that you should cut the grain ration in half when the cows go on pasture. If the pasture is good, he recommends a mixture of two parts corn and cob meal and one part ground oats by weight. Feed at the rate of two pounds of grain for each gallon of milk produced per day.

Hail Causes 2 to 9 Per Cent Damage

What per cent of crop damage is caused by hail? Here are estimates from the government crop insurance records covering several crops. They are based on payments to farmers who had losses.

Hail caused 2 per cent of the losses paid on corn. This was for one year's losses. Flax losses were estimated to be caused by hail in 6 per cent of the cases. This also is the experience for one year.

Wheat losses are based on five years of settlements. Five per cent of the losses to insured crops was ascribed to hail damage.

Hail occurs in southern states, too. Seven per cent of the cotton crop losses were caused by hail, as an average of five years. Nine per cent of the losses in insured tobacco crops was caused by hail, as shown by figures for one year.

Cash Returns From Soil Conservation

Farmers in Wayne and Decatur counties, in Iowa, who practiced soil conservation, were paid an average of $3.37 an acre more as a result of those practices, according to a recent survey.

Iowa State College agronomists picked 28 farms with good conservation practices and 28 without conservation programs. Both of the groups of farms averaged 170 acres in size.

Most important was differences in yields between the two groups. On those farms with soil conservation programs yields of corn and beans averaged five bushels more per acre. Oats were 4.7 bushels better and hay yields were higher. On the conservation farms an average of 20 more tons of hay was produced.

Farms that rated low in soil conservation were high in sheep and poultry meat production. The soil conserving farms had the most beef, pork and dairy products—and considerably more cash income.

Corn Borer Losses Up In Three States

The corn borer caused a loss of $28,700,000 last year, says the U. S. Bureau of Entomology. There were 448 infested counties in 22 states.

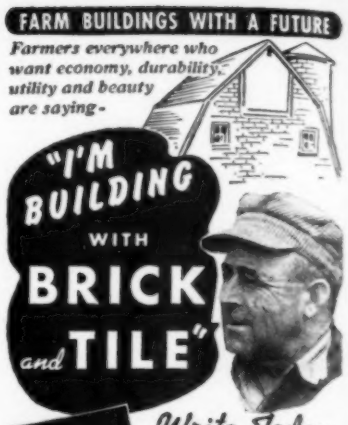
Corn borer damage was not as high in 1946 as in 1945 for the country as a whole, officials say. But no part of this decrease in corn borer numbers and damage occurred in Iowa, Minnesota or North Carolina. Losses were up in these three states.

Estimated losses in states suffering more than a million-dollar loss in 1946 were as follows: Iowa, $10,500,000; Illinois, $9,400,000; Pennsylvania, $2,100,000; Indiana, $2,000,000.

PAW TUCKER — Paw Better Heed His Own Advice

FARM BUILDINGS WITH A FUTURE

Farmers everywhere who want economy, durability, utility and beauty are saying-



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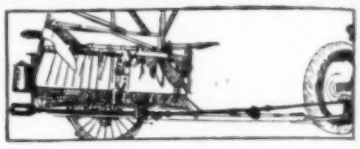

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The small, easy-to-take P-W tablets act in a special way to remove Pin-Worms and relieve that tormenting itch. So watch out for the warning signs that may mean Pin-Worms in your child or yourself. If you suspect this ugly infection, ask your druggist for a package of JAYNE'S P-W right away and follow the simple directions.

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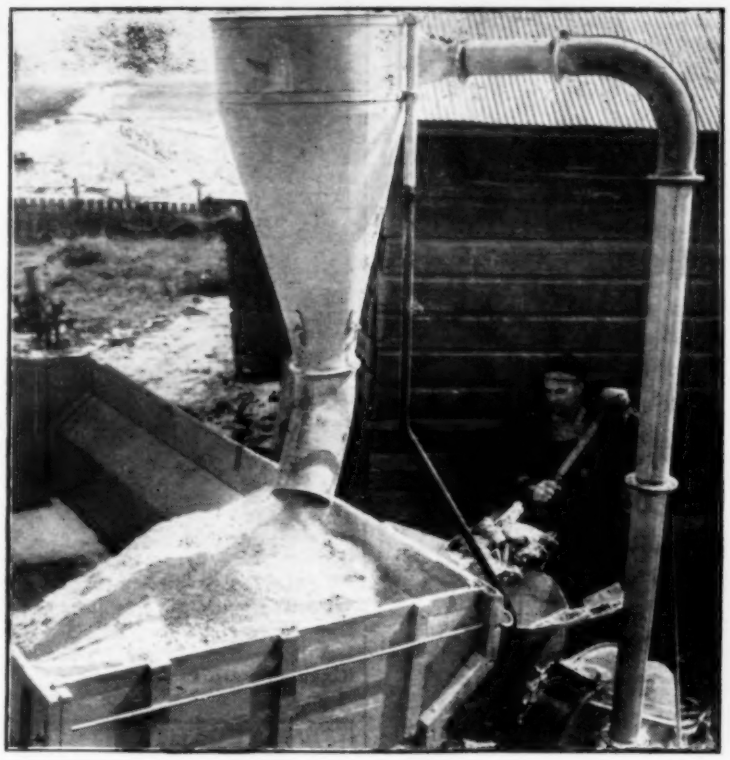

Big Piles of corn are beginning to disappear on some farms. John Row, Dallas county, Iowa, says his reserve is nearing bottom. But Iowa farm stocks April 1 were 63 per cent above 1946.

Tips For May

Corn and bean planting are not the only May tasks on the farms of Iowa. There are several other important field and feed-lot jobs that should be done this month, too. Here are several May suggestions from the Farm Management Staff at Iowa State College.

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CREEP-FEED your young pigs, Milton Beck, of Benton county, Iowa, believes that pigs which are creep-fed rolled or hulled oats will grow faster. Then they'll be ready for market earlier this fall.

▲ ▲ ▲

INOCULATE SOYBEANS for higher yields. Wayne Robinson, Marshall county, Iowa, is a firm believer in it. He says a little time and money spent in inoculating soybeans will come back to you many times in more beans to the acre. Tests made at Iowa State College back him up.

▲ ▲ ▲

DON'T QUIT feeding grain to milk cows when you turn them out on pasture. Lyle Orr, Johnson county, Iowa, has found he must feed grain to keep up production. The first grass in spring has a lot of water in it. It doesn't have sufficient feed nutrients to keep a good milking cow going full blast.

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WHAT'S YOUR pasture outlook for this summer? Do you usually run short of pasture during July and August? Scott Ellis, of Dallas county, Iowa, sows a field to sudan grass in the spring. He then has good temporary pasture in July and August when his blue grass pasture dries up.

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PUTTING UP temporary hog fences? Here's an idea used by the Iowa State College Agricultural Foundation on its farms. Cut regular steel fence posts in half. One of these posts will make two just the right size for hog fence.

WILL HAYING pile up on you next month? If it looks as if your hay will all be ready to make at one time, why not pasture part of the hay field this spring? That will hold back growth. It will spread out time of cutting enough so hay-making won't all pile up at once.

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WANT TO BOOST your soybean yields? Several central Iowa farmers use a regular 42-inch planter to plant their beans. But they make the marker 14 inches shorter. This makes every other row 28 inches wide. That gives them more plants to the acre.

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CASTRATE and dock your lambs. Kenneth Blunk, Webster county, Iowa, always does this in May. He finds that his lambs do better if the job is done early. Always castrate first and then dock.

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IS YOUR HAY-MAKING equipment ready? Checking it over thoroly is a good job for a rainy May day. Oil and grease it where needed. Get any repair work done now ahead of the rush.

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CULTIVATOR shovels should be sharpened now. Then you will have the job out of the way ahead of the rush later on.

▲ ▲ ▲

THERE'S STILL TIME to spread phosphate on your legume seedings. Phosphate can be top-dressed on seedings any time up to three weeks after seeding, say agronomists at Iowa State College. But if you don't get it done by then, you'd better wait until fall or next spring.

▲ ▲ ▲

MOVE BROODER houses out on clean ground. Bob Bennett, of Boone county, Iowa, believes that clean ground for growing chickens is one of the secrets of success with poultry.

Pigs "snap out of it" and really start GROWING when you balance grain rations with proper proteins, vitamins, and minerals. Now's the time to push for fast, low-cost gains with—

Sargent MultiRICH

Minral Meal

It's power-plus for pig rations, because it gives them 5 proteins, 8 minerals, 8 vitamins in one concentrated balancer . . . ready to feed with your grains, without mixing. Can help save up to half on corn, and on feeding time, too. Get a trial bag and put more GROW in your rations . . . or write for free pig circular today.

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MAQUOKETA COMPANY ... MAQUOKETA, IA.

President of Iowa Future Farmers of America for 1947-48 is James Gatchel (center), Hancock county. Jim gets the gavel from retiring President Ted Greene, Winneshiek county, at the state FFA convention in Fort Dodge. Looking on are D. L. Kindschy (left), executive secretary-treasurer; H. T. Hall (right), state adviser; Jack Hansen (second from the right), Black Hawk county, state reporter last year. Other new officers of the FFA include Dean Gardner, of Ringgold county, secretary, and John Woline, Henry county, reporter.

Voice of the Farm

No Labor-Savers For Farm Women?

To the Editor: In "Odds and Ends," you wonder why farm girls leave home faster than farm boys. My dear sir, don't you realize that Brother rides on a modern padded tractor seat, while Sister must still drudge over the obsolete cream separator of 70 years ago?—Mrs. H. C., Burt County, Nebraska.

But lots of farms have modern, electric separators.—Editor.

Favors Gasoline Tax For Roads

To the Editor: I read the ideas of W. J. Tobias, of Adair county, Iowa, about mud roads. I think his first suggestion would be a good way to help pay for better roads. Living on a dirt road isn't very nice when it is muddy.—Mrs. Annie Gruis, Lyon County, Iowa.

Mr. Tobias would put a tax of 4 cents a gallon on tractor fuel, use the money for farm roads.—Editor.

Says Farmers Must Have Good Roads

To the Editor: If farmers don't have good roads, how are they going to feed the cities? D. P., of Jefferson county, Iowa, just does not know much about farmers.—E. M., Crawford County, Iowa.

Maybe he lives on a good road.—Editor.

A Million and a Half Per Mile?

To the Editor: I am enclosing a clipping from your March 15 issue ("An REA loan of $150,000,000 for 100 miles of line to serve 174 farms has been granted the Marshall County Rural Electric Cooperative").

It'll be rather expensive, won't it?—Arthur Stearn, Webster County, Nebraska.

We hang our heads in shame. Someone sneaked in three extra zeros.—Editor.

Can't Ship Hogs If Roads Are Muddy

To the Editor: D. P., of Jefferson county, Iowa, either lives in town or has a good road to travel. Otherwise, he certainly would not have expressed himself in the way he did.

Roads may not make a living for the farmer, but they certainly help give him a larger profit. On bad roads he can not sell when he wants to, and most of the time the roads are impassable when markets are highest.—Hugh Lechtenberg, Sioux County, Iowa.

As many Iowans know, to their sorrow.—Editor.

No Charge For Board And Room

To the Editor: Whenever legislation is passed to give the farm-hand decent hours at a decent wage and protection by Social Security and unemployment insurance, then and then only will I agree that the hired man should pay for board, room, washing and patching.—Farm Woman, Warren County, Iowa.

So far, almost nobody has agreed with the lady who wants to charge for such things.—Editor.

Can't Start Farming Without Help

To the Editor: We spent a lot of valuable time in the service, drawing a measly $600 a year less deductions for insurance, bonds, laundry and other expenses too numerous to mention.

How much can a fellow save on an income of that size? How can a fellow start farming without some financial help? Hardly a bank anywhere will handle a GI loan.

The bonus would help even tho it would be only a few hundred dollars. — Merle H. Cronbaugh, Benton County, Iowa.

And even if you don't get it until 1950?—Editor.

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TRADE MARK
THE PERFECTED WEED KILLER 2-4D
CONTAINS DICHLOROPHENOXYACETIC ACID
WEEDEATH "10" MAKES 100 GALLONS OF SPRAY $5.33 Gallon
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Install LIFEGUARD OUT-IN-FRONT TRACTOR HITCH

DESIGNED TO fit FARMALL type TRACTORS

Only a few minutes to attach the LIFEGUARD OUT-IN-FRONT TRACTOR HITCH to your tractor whether a Farm-all, Deere, Allis-Chalmers, Case, Oliver, or other popular make, and it is ready to do many jobs never before possible—to hitch to another tractor, any bucking pole operation, pulling hay fork, attaching spray booms, wire winders, etc. And no damage to your tractor. It becomes part of tractor . . . is same color as tractor . . . made of heavy sheet steel . . . will last as long as tractor. If your implement dealer does not have LIFEGUARD OUT-IN-FRONT HITCH, write for complete details and price, mention type of tractor.

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KEWAUNEE ENGINEERING CORP. KEWAUNEE WISCONSIN

SAVES ROW CROPS and Cultivating Time

Be prepared to protect the row crop with a pair of ADJUSTABLE (to width of) SPEED-WAY TUNNELS. When the corn is in the tunnel it is safe. Write for descriptive literature. Dealers and agents wanted.

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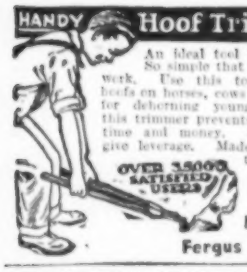

An ideal tool for every farmer. So simple that a boy can do the work. Use this tool for trimming hoofs on horses, cows and bulls. Ideal for dehorning young stock. Using this trimmer prevents accidents, saves time and money. 30 inch handles give leverage. Made of high carbon tool steel. Price $5.95

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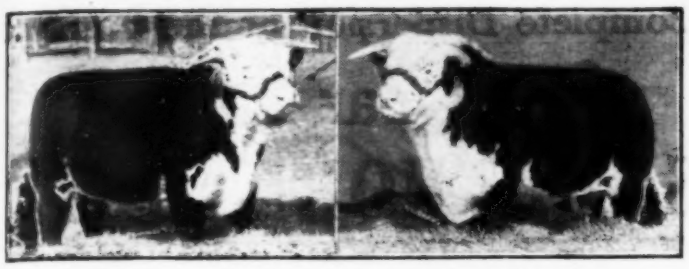
FIRST ANNUAL SALE
Bianchi Hereford Ranch

To be held at farm, located 3 miles west on Highway No. 36 ·

Macon, Missouri, Monday, May 26



WHR HELMSMAN 87th WHR REALITY 84th

104 HEAD

8 High-class Herd Bull Prospects
41 Beautifully Bred Two-year-old Heifers
55 Grand Breeding Matrons—Many With Calves at Foot

For the first sale, Charley Bianchi will present one of the best offerings of Hereford cattle to sell this year. Eight good bulls, all serviceable age—six by **WHR ALLADIN 7th** by **WHR ADVENTURE 20th.** One son of the $52,000 **REAL SILVER DOMINO 44th** and one son of **SUPER ANXIETY 5th.** Real herd bull prospects.

Fifty-five grand young breeding matrons, many with big fine calves at foot and most all rebred to **WHR HELMSMAN 87th, WHR JR., REALITY 54th** and **WHR HELMSMAN 83rd.** A truly outstanding group . . . just as good as he is keeping for himself.

The 41 heifers, mostly two-year-olds, are a great lot. They are daughters and granddaughters of **SUPER ANXIETY 5th.** Many are bred to **WHR HELMSMAN 87th,** one of the greatest sons of the Denver champion, **WHR PROUD PRINCEPS 9th.** A few are bred to **WHR HELMSMAN 83rd,** that cost $11,100 in 1947 WHR sale, a full brother to **WHR HELMSMAN 3rd,** 1945 Denver Grand Champion that **WHR** turned down $100,000 for. Breeding and quality unsurpassed. Plan to attend. Ask for beautiful illustrated **FREE** catalog. Please mention this publication when writing.

BIANCHI HEREFORD RANCH, MACON, MISSOURI

Auctioneers: A. W. Thompson, Guy Pettit and Larry Miller
Floyd Coons, Supt. J. E. Halsey, Fieldman

BLUE GRASS

HEREFORD
ASSOCIATION OF IOWA

4th Annual Show and Sale

In comfortable sale pavilion

ALBIA, IOWA
Tuesday, May 27

4-H Judging Contest in Forenoon

SHOW 9:30 A. M. SALE 12 NOON

65 HEAD

30 Splendid Bulls—35 Choice Females

This District produces some of the finest Hereford Cattle the breed affords and this is by far the best quality offering they have ever presented. The consignors have drawn deep into their herds and present a class of cattle that will be a credit to them as breeders. Most of the bulls are of serviceable age and sired by high-class herd bulls. You can find a herd bull for you in this auction. The females include excellent young cows with calves at foot and rebred, choice young cows and heifers mated to top herd sires and a beautiful lot of attractive open heifers. The consignors are:

Amos Bros.	Albia	Harry Kline	Melrose
Harry Bates & Son	Eldon	E. J. Langebartels	Lacona
Clifford Bell, Jr.	Pulaski	Forrest Main & Son	Moravia
Robert Bowery	Indianola	Raymond Meyer	Russell
H. K. Bliss	Lacona	William McClure	Agency
Lawrence Bonnett	Farson	C. C. Miller	Unionville
John Bish	Bloomfield	Jack Miller & Sons	Bloomfield
Carroll & Boyd	Bloomfield	O. B. Miller & Sons	Bloomfield
Walter Clothier	Lucas	Perrin Hereford Farm	Chariton
John Dittmer & Sons	Lacona	Raymond Pim	Lucas
Alva Chandler	Chariton	W. E. Roberts	Atlantic
C. L. Hall	Eldon	Dale Rupe	Belknap
Hollingshead Bros.	Knoxville	Areta Speer	Bloomfield
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John Wisdom	Bloomfield		

Some of the richest blood lines known to the breed are well represented. The offering is sired by well-known herd bulls. This is an event where you can make admirable and profitable selections in either a bull or female. You cannot afford to miss this auction. Plan now to attend. Ask for the **FREE** catalog. Please mention this publication. Address

GLENN HAZEN, Secy.-Mgr., Box 193, OTTUMWA, IOWA

Auctioneer, Guy Pettit J. E. Halsey, Fieldman

SOUTH CENTRAL

Iowa Shorthorn Sale

To be held in comfortable pavilion

Knoxville, Iowa, Monday, May 26

85 HEAD

45 SPLENDID BULLS READY FOR SERVICE
10 COWS WITH BIG LUSTY CALVES AT FOOT
15 BRED COWS AND HEIFERS
15 OPEN HEIFERS

The Breeders of this District have made a special effort to select a class of cattle that will be a credit to them as breeders and we believe you will find the offering the best they have ever cataloged. There are **45 bulls,** most all ready for immediate service; they are sired by good herd bulls. A bull to fill every need. Make your bull selection here. The females include 10 fine cows with big, lusty calves and many are rebred. 15 young bred cows and heifers and 15 most attractive open heifers. The consignors are:

D. H. Andrew	Indianola	T. D. Nyswonger	Indianola
Perry O. Brown & Son	Lamoni	H. K. Owens	Homestead
Albert E. Beatty	Wauke	Willis Osborn	Kellogg
Braywood Farms	Oskaloosa	Penningroth Bros.	Wellman
Nicholas Cassens	Sigourney	Earl Paul	Osceola
Cowman Stock Farm	Prairie City	Gilbert Piffer	Indianola
Evergreen Farms	Columbus Jct.	Worth Rankin, Jr.	Pleasantville
Helfred Farms	Des Moines	Ralph Richards	Knoxville
Oscar Hodgson	Pleasantville	C. L. Rees & Sons	Pleasantville
B. C. Hudson & Sons	Knoxville	Arthur Synkerson	Oskaloosa
E. G. Hawk	Moravia	C. L. Stewart	Rose Hill
Hepburn Ingham	Wauke	J. E. Smith	Richland
Lester Kenney	Knoxville	Burt Stevenson & Son	Knoxville
C. T. Van Lint	Pella	Guy Spaur	Knoxville
A. P. Lyon	Swan	Wm. Stanek & Son	Fort Dodge
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Some of the sires represented are Goldfinder's Renown, Goldfinder's Image, Helfred Marauder, Helfred Prentice, Helfred Sundial, Royal Goldfinder, Bapton Major, Helfred Golden Mark, Helfred Bapton Major, Newallyn Royal Pride, Hopes Model, Browndale Recorder, M. F. Senator, Klaymour Barrage, Dales Royal Barrage, Divide Gold Cadet, Will-A-Dell Gold Plate, Millvale Pioneer, Victor's Mandate, Gainford Grand Master, Highland Robin, Boyndie Mixture 2d, Farmingham Raywood, Marauder's Masterpiece, Herjadon Type 2d, Herjadon Mountaineer, Rosewood Red Star, Sunray Bill, Cluny Baron, Brawith Gold Coin, Barrage Superb, Modish Major and Victor's Reserve. A grand lot of high-class herd sires. The large number afford a wide selection. The many bulls ready for service will fill the bill for those in need of a bull and just ready to turn out on grass. The females will please. Make plans now to attend. Ask for **FREE** catalog. Please mention this publication.

WALTER L. BROWN, Mgr., KNOXVILLE, IOWA

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Charlie Garden, Des Moines; C. E. Stewart, Rose Hill; J. M. Davis, Knoxville; Cyril Rees, Pleasantville; Gilbert Piffer, Indianola.

Auctioneer, J. E. Halsey

A Hereford Dispersion

To be held in a comfortable pavilion at

Humeston, Iowa
Thursday, May 29th

137 Head -- 115 Females 22 Bulls

2 GREAT WHR HERD BULLS SELL
20 SPLENDID YOUNG BULLS READY FOR SERVICE
40 BREEDING COWS WITH BIG CALVES AT FOOT
55 YOUNG BRED COWS AND HEIFERS
20 MOST ATTRACTIVE OPEN HEIFERS

This herd has been established for many years and a firm where good herd sires have always been used. They now own the best two bulls they ever used. One is **WHR PROUD MIXER 22d,** a member of the **WHR** 1944 Grand Champion carlot of bulls. He sired the top selling bull in the Wisdom fall sale. He is a son of **WHR PRINCEPS MIXER.** Most of the young bulls and females are sired by **WHR PROUD MIXER 22d,** his progeny in the sale will please. The other herd bull, **WHR DIPLOMAT,** was purchased a year ago . . . after he had served as one of the herd bulls in the Wyoming Hereford Ranch. He is a son of **WHR FLASHY MONOGRAM,** and out of a Dam by **PIONEER.** He is a grand individual and a sire of a number of the spring calves. You will like the calves by him. Both **WHR** herd sires are in their prime as breeders. A real opportunity for someone to secure good tried and proven sires. Their progeny in the auction will prove their worth as sires. The 20 young bulls, most all ready for service include herd bull material. The females include 40 grand breeding matrons with big, lusty calves at side by the herd bulls and most of them are rebred. 55 young cows and heifers bred to the two great herd sires and 20 most attractive open heifers. This large number affords a wide selection. Remember a Dispersion offers bargains. Plan now to attend. Ask for **FREE** catalog. Please mention this publication.

THURLOW BROS., LE ROY, IOWA

Auctioneer, Freddie Chandler J. E. Halsey, Fieldman

WAYLAND HOPLEY & SON'S GREATEST SALE
IMPORTED AND HOME BRED

Aberdeen Angus Cattle

70 HEAD—6 Bulls, 64 Females

Sale to be held at our farms, 5 miles south of town

Atlantic, Iowa
Monday, June 9

Unquestionably one of the greatest offerings of selected Aberdeen Angus cattle that has ever been sold in this country, including

18 HEAD OF IMPORTED FEMALES AND SEVERAL IMPORTED BULLS

Among the imported females are several that will sell with calves at foot. These calves are sired by Imp. Cuban of Thorn, and others in calf to the same bull. Among these are 5 Miss Burgesses, one Gammer, four Ericas, three Blackbirds, Georginans, and other popular families. They are also selling twelve bred heifers from their home farm. One of these is bred to Blackbird Bandolier G. R. 3d, and nine are bred to Raona's Burgess 7th. One bred to Prince Byron of Red Top, and one bred to Blackcap Eston Lad. Three are sired by Imp. Cuban of Thorn, and one of these is bred to an imported bull. Also daughters of Blackbird Bardolia of Ada, Bar Ester, Prince Sunbeam 46th, one by Great Oaks Barmar and one Miss Burgess that sells with calf at foot. Selling 12 open heifers, sired by Eston Lad, Imp. Cuban of Thorn and Viewlawn Elba 93d. We are selling 6 bulls and three of these are imported. One of these is a 2-year-old and a good herd bull proposition. It is by far the greatest lot of Aberdeen Angus cattle that we have ever sold.

THE HERD OF THE LATE EARL MAY SELLING IN OUR SALE

Included in our sale will be the herd of the late Earl May and there will be 34 lots in this offering. Owing to the fact that Mr. May had bought the most of his herd from us we consented to allow his estate to dispose of them in our sale. Among these will be 18 head of cows, and the most of these will have calves at foot. All good families and good ages. The calves are all sired by Escort Bar 10th, and this splendid bull will sell in this sale. Also selling five 2-year-old heifers and 10 yearlings. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

WAYLAND HOPLEY & SONS, Mgrs., ATLANTIC, IOWA

Auctioneers: Roy J. Johnston and J. E. Halsey. M. T. White, Fieldman

SOUTH CENTRAL

IOWA ANGUS ASSOCIATION

At Southern Iowa Fair Grounds

Oskaloosa, Iowa, Tuesday, June 10

SHOW—9:00 A. M. SALE—12:30 P. M.

Judge: Milt Tudor

85 HEAD—17 YOUNG BULLS, 68 CHOICE FEMALES

This is a grand lot of cattle . . . choice individuals . . . rich in pedigree. The bulls are ready for service and include herd bull material. The females are a most pleasing lot and include excellent bred cows and heifers and attractive open heifers. The families are **MISS BURGESS, BLACKCAPS, BARBARAS, BLACKBIRDS, ERICAS,** and other popular tribes. All cattle **T.B.** and **Bangs** tested. More details in next issue. Plan now to attend. Ask for the **FREE** catalog. Please mention this publication. Address

CLYDE A. HANNA, Secy., NEW SHARON, IOWA

Auctioneer, Roy Johnston J. E. Halsey, Fieldman

Advertisement

From where I sit ... *by* Joe Marsh

Bert Solves the Labor Problem

You hear a lot about capital and labor nowadays, as if the two could never get together. But look at Bert Childers—who has 320 acres of producing land, a fair-sized herd of cattle, and two farm hands working for him.

If you went and called Bert a "capitalist" he wouldn't know what you meant, and neither would Spike and Sandy, the hired men. Bert works side by side with the both of them all day; and in the evenings they sit around the kitchen table together—sharing a friendly glass of beer or two.

If anybody has a beef—whether it's about wages or hours or equipment—they talk it over at those friendly evening sessions.

I don't say that all labor problems are as simple as Bert's are. But from where I sit, the basic principle applies to any farm or factory or business: A principle of mutual confidence and mutual respect, of daily talks together in a friendly and congenial atmosphere.

Joe Marsh

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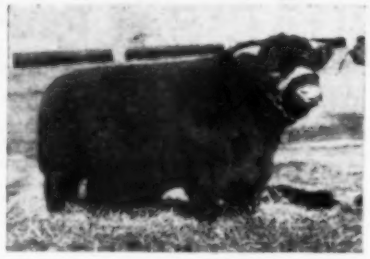


←Imp. Pittodrie Upright, supreme champion of Perth in 1946. Purchased for the world's record price of $62,500. Generally acknowledged to be the most ideal type beef bull of any breed anywhere. Who will be his new owner?

203 Lots

Although this is a complete dispersion, the cattle are being sold with liberal guarantees.

Complete Dispersion of the Famous

Sni-A-Bar Farms' SHORTHORN HERD

MAY 30 and 31, 1947

Everything sells. 203 lots in all. 23 bulls including the 1946 Perth Supreme Champion, Pittodrie Upright, purchased in Scotland by Mr. Ralph L. Smith, owner of Sni-A-Bar for the world's record price of $62,500; the 1946 International grand champion bull, Sni-A-Bar Control; the 1946 International reserve champion, Sni-A-Bar Randolph; Imp. Uppermill Comrade, another 1946 Perth winner, and 19 other great bulls. 180 females including: 60 cows with calves at foot by the above named sires; 31 daughters of Edellyn Campeon Mercury; 25 imported females, and 47 other royally bred heifers. All safely in calf to these world famous sires. These cattle may be inspected prior to sale day at the farm at Grain Valley, Missouri. Catalogs will be mailed only upon request. Write today. Address

MERVIN F. AEGERTER, Sale Mgr., SEWARD, NEB.

Auctioneers, J. E. Halsey and Hamilton James

ANNUAL SPRING SALE

Southwest Wisconsin Angus Breeders

To be held in Fair Grounds Pavilion

Lancaster, Wisconsin
FRIDAY, MAY 23, 1947

89 HEAD OF CHOICE ANGUS CATTLE

25 Choice Bulls Ready for Service
10 Cows With Calves at Foot
10 Bred Heifers
44 Open Heifers

An excellent offering selected from 18 leading herds in this section and from Northeastern Iowa. 25 bulls ready for heavy service that will appeal to good cattlemen. All cattle are in practical breeding condition—an opportunity for the buyer who needs profitable cattle. The 64 females include 10 dependable breeding cows with big, lusty calves at foot, 10 bred heifers due to calf soon, and 44 very choice open heifers of leading blood lines.

The good families represented are: MISS BURGESS, McHENRY BARBARAS, McHENRY BLACKCAPS, ROSEMERE BARBARAS, ENCHANTRESS, JUANA, and WOODCOTE ERICAS, PRIDE OF ABERDEENS, MULLEN MAYFLOWERS, and others. Consigned by experienced, reliable breeders who possess top quality herd bulls. Make plans now to attend. Ask for **FREE** catalog, mentioning this paper. Address

J. C. PERRIN, Secy., BLOOMINGTON, WISCONSIN

Auctioneer, Ham James M. W. Boney, Fieldman

SOUTHEAST IOWA

Angus Breeders Sale

To be held at McMillan Park

Mt. Pleasant, Iowa, Thurs., May 8

75 HEAD

25 Choice, Rugged Bulls—50 Beautiful, Well Bred Females

This will be the best lot of cattle ever offered by our Association—they have drawn deep into their herds and offer a class of cattle that will be a credit to them as breeders. The bulls are most all ready for service and include a lot of high class herd bull material. You can find a herd bull in this auction. The females are a most pleasing lot and include 11 grand cows with big, fine calves at side by great sires—many are rebred. 14 beautiful bred heifers and 25 most attractive open heifers. The cattle come from the best herds in this section.

This is a class of cattle that will help work breed improvement. The most popular families are well represented in both bulls and females. They are by good herd sires. You will be well pleased with the offering. A good place to buy cattle. All are **T.B.** and **Bangs** tested. Make plans now to attend. Ask for **FREE** catalog. Please mention this publication. Address

DAN J. CASH, Sale Mgr., MT. PLEASANT, IOWA

Auctioneer, Roy Johnston J. E. Halsey, Fieldman

North Iowa Hereford Sale!

At North Iowa Fair Grounds

MASON CITY, IOWA
THURSDAY, JUNE 12th

Choice bulls and females from the best herds in this section. This is the annual sale for the Association, which has a record of several successful sales. You can find bulls and females in this sale that will please. Full details will appear in next issue. Ask now for **FREE** catalog. Please mention this publication. Address

LEIGH R. CURRAN, Mgr., MASON CITY, IOWA

Unload in 2 Minutes!

with **LITTLE GIANT** DUMP BODY HOIST

Low Cost - Easy to Install

Takes the *heavy* work out of unloading — gets the job done *fast!* Any farmer, trucker, etc. can afford one. Fits all trucks — all beds. Simple to attach — you can do it yourself. Does not change the chassis in any way. No hydraulic cylinder to adjust and service — LITTLE GIANT works equally well in hot or cold weather. Easy-crank operation. *Only $65 and up.* More LITTLE GIANTS in use than any other. *Absolutely guaranteed.* Write for details and prices.

LITTLE GIANT PRODUCTS, INC.
1568 N. Adams St., Peoria, Ill.

Livestock News

The fifth draft sale of Angus cattle of Penney & James, at the "Home Place," Hamilton, Mo., April 15, attracted the attention of cattle men from all sections of the United States. Breeders seemed eager to purchase the females mated to the great herd sire, Eileenmere 487th, and they likewise were interested in his sons and daughters. The top female was Ever Barbara, mated to Eileenmere 487th, and sold for $2,500 to Angus Valley Farm, Tulsa, Okla. Home Place Eileen 2d sold for $2,000 to Escar Ranch, Somintun, Texas. Home Place Eileen 7th went to J. Garrett Tolan, Pleasant Plains, Ill., at $2,000. Briarcliff Esmeralda 9th sold for $2,000 to J. A. McGill, Paris, Texas. Home Place Blackcap 3d sold for $2,000 to Wayne Bates, Carlinville, Ill. The top bull, Home Place Eileenmere 2d, a son of Eileenmere 487th, sold for $2,500 to Geo. Temple, Cape Girardeau, Mo. Home Place Eileenmere 11th, by the same sire, sold for $1,500 to A. W. Lamert, Hume, Colo. The 10 bulls averaged $913.50, with 58 females at $899 each, and the 68 lots sold for $61,265, a general average of $900. The cattle went to buyers in eight states, namely, Iowa, Missouri, Illinois, Kansas, Indiana, Colorado, Oklahoma and Texas. Auctioneers, Roy Johnston and Simms.

The Jersey dispersal of W. F. Phares, Maryville, Mo., March 26, was successful under the management of Ivan N. Gates. The 27 cows averaged $285.77, with four bred heifers at $251.25 each and 10 yearlings at $134 each. Eleven heifer calves brought $126.60 each, and the two herd bulls averaged $157.50. The general average was $216. The top cow went at $430 to M. J. Kelley, Lamoni, Iowa, and the next top at $425, to A. W. Barrett, also of Lamoni.

National Congress

Show and Sale
KEENELAND RACE TRACK
JUNE 6-7—LEXINGTON, KY.

25 Impressive Bulls, 75 Magnificent Females—superb type, excellent conformation, ideal flesh and top breeding—the top ends of the country's most famous Polled Shorthorn herds. A wide selection for all herd needs. **Nothing has been overlooked to make this the greatest Polled Shorthorn sale this country has ever known.** Be with us for both great days of unexcelled showing and selling of these efficient money-makers. Polled Shorthorns give greatest weight in shortest feeding period—quickest return on land and cattle investment. Help us meet a world-wide demand. Make reservations early. Phoenix Hotel headquarters. Ask about our **FREE FREIGHT OFFER. Write for catalog.**

Polled Shorthorn Society
Dept. 747 U. S. Yds., Chicago 9, Illinois

WILDWOOD FARM
GUERNSEY SALE
Property of Eberlein & Eberlein
At the farm
SHAWANO, WISCONSIN
SATURDAY, MAY 24, 1947
61 GUERNSEY

heifers from 3 months to 30 months old. 24 are bred and more will be bred before sale day. Heifers from **BANGS** Certified **Free** herds and negative, except 11 of the youngest that are calfhood vaccinated. Most are by **A.R. bulls** and many out of **A.R.** cows with large records. The bulls that sired most of them were out of cows with records of 875.9 lbs. fat Cl. A, 716.9 CC, 608.2 G, and 1,057.8 A. Two of the sires were bred at **PINE MANOR** and two at **ROCKINGHAM.** This is without doubt the finest lot of heifers ever offered at public sale in Wisconsin and probably in the country. Also 11 **BULLS** to be sold, most of them ready for service and by same sires as the heifers, and same breeding. Ask for **FREE** catalog. Please mention this publication. Address

Chas. L. Hill & Son, Sale Mgrs.
Rosendale, Wisconsin

When writing to advertisers, will you please mention this paper.

MINNESOTA STATE
Polled Shorthorn Sale
SHOW 10:00 A. M. **SALE 1:00 P. M.**
In Sales Barn
SLAYTON, MINNESOTA
SATURDAY, MAY 24th
55 Head—25 Bulls, 30 Females

A choice offering selected from the leading herds of the state. The bulls are most all ready for service. Good herd bull prospects. The females include cows with calves, bred cows and heifers with several attractive open heifers. All **T.B.** and **Bangs** tested. Plan to attend. Ask now for **FREE** catalog. Please mention this publication. Address

M. H. BASSETT, Sale Mgr.
Rushmore, Minn.
Auctioneer, J. E. Halsey

Registered Herefords
PARKER, SOUTH DAKOTA
JUNE 2, 1947
81 Bulls and Females

The highest quality we have ever produced. **HAZLETT, BEAU ASTER, REAL PRINCE DOMINO** and **BATTLE MISCHIEF** 7th blood lines, recognized as the leaders in the breed today. Ask now for **FREE** catalog. Please mention this publication.

BONES' STOCK FARM, Inc.
Parker, South Dakota

UPPER MID-WEST
Red Polled Breeders Sale
Livestock Pavilion, Fair Grounds
AUSTIN, MINN, JUNE 6th
SHOW 10:30 A. M. **SALE 1:00 P. M.**
55 HEAD

Selected consignment from **MINNESOTA, IOWA** and **WISCONSIN** herds. Choice females and bulls. Ask for **FREE** catalog. Please mention this publication. Address

A. L. HARVEY, Sale Chairman
University Farm St. Paul 1, Minnesota

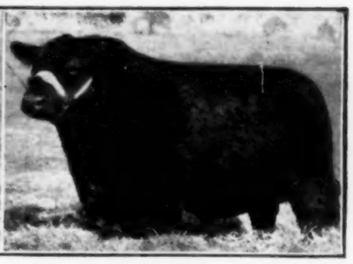
Rundles' Angus Farm

Production Sale of EILEENMERES
At farm located 12 miles north of Bloomington;
34 miles east of Peoria and 4 miles south of

El Paso, Illinois, Friday, May 23rd

71 LOTS—63 CHOICE FEMALES, 8 GOOD BULLS

RUNDLES' LADY ELINE, a 1946 show heifer selling. 24 more daughters of Eileenmere 499th like this one sell.



EILEENMERE 499th, our senior herd sire. An outstanding son of Eileenmere 260th, highest priced Angus bull sold in 20 years.

This is one of the most intensely **EILEENMERE** bred herds in the United States. We are featuring the Get and service of **EILEENMERE 499th**, also service of **EILEENMERE R. 21st**, first prize senior yearling at 1946 Indiana State Fair. There are 27 daughters of **EILEENMERE 499th** with 24 bred to **EILEENMERE R. 21st.** Two daughters of **EILEENMERE 32d**, one daughter of **EILEENMERE 87th**, two by **EILEENMERE 163rd**, and two by **EILEENMERE 190th.** The families are **BARBARAS, BLACKCAPS, BLACKBIRDS, ELBAS, ERICAS,** and **QUEEN MOTHERS** . . . nothing finer in breeding. Eight grand young bulls. Plan to attend. Ask for **FREE** illustrated catalog. Please mention this publication. Address

RUNDLES' ANGUS FARM, EL PASO, ILLINOIS
Auctioneers: Roy Johnston and Ray Sims

SALE CIRCUIT: May 24—West Woodlawn, Creston, Ill.; May 26—J. Garrett Tolan, Pleasant Plaines, Ill.; May 27—Illinois State Sale, Springfield, Ill.; May 28—Geo. Bock, Mattoon, Ill. Cattle will be kept and assembled at end of circuit.

Tallcorn Angus
Breeders' Association

THIRD ANNUAL AUCTION
In comfortable pavilion, Marshalltown Livestock Auction, east edge of City on 18th Avenue

Marshalltown, Iowa, Monday, May 19, 1947

Female Sale Starts at 12 Noon — Bull Sale in Evening at 7:30 P. M.

171 HEAD—SELLING AS 150 LOTS
21 Choice Cows with Calves; 16 Desirable Young Bred Cows; 13 Outstanding Bred Heifers
50 Attractive Open Heifers
50 GOOD, GROWTHY BULLS OF SERVICEABLE AGE

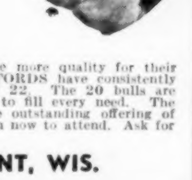
"Largest Angus District Auction in United States"

A most aggressive group of breeders from the following counties: **MARSHALL, TAMA, GRUNDY, HARDIN, STORY, JASPER** and **POWESHIEK** . . . largest membership of any Iowa District. Many of the leading breeders in the state live in this District. The offering is a well-bred lot of cattle and include a most practical offering. The bulls are all ready for service and include bulls suitable for high-class herd-heading material. You can find your herd bull in this auction. The females are a grand lot, with a number of young cows with calves at foot, many rebred, choice bred cows and heifers and a beautiful lot of open heifers. All rich in good breeding and presented in practical condition . . . ideal for the buyers. Consigned by the leading breeders in this section.

The large number affords a wide selection. Sires represented include Eborea Balso; Barb Juana of Ida; Envious Enslow Lad B.; Renamar 5th; Bandolier Barb. T.; Blackcap E.; Barry 8th of Wilton; Bandolier 69th of Wilton; Burgess Blackcap M. 14th; Illustrious Thickset S.; Glenside Bell Boy 7th; Kendale Blackcap B. 60th; Elba Marshall Lad 2d; Elate 4th of Bordulac; Ben Joe 18th of Ida; Earl Elfor; Entense Bandolier; Blinky Burgess; Ell Baron; Revolution of Page 43rd; Ethan of Ida Grove; Sir Erica G.; Elmhurst Black Marshall; Blackbird Bell Boy 11th; Blackcap Quiet Lad 2d; Eric Bandolier G. R.; Elbo Cap; Erica Burgess G.; and Blackcap Bellmere G. Breeding unsurpassed. All **T.B.** and **Bangs** tested. Ask now for **FREE** catalog. Please mention this publication when writing. Address

CLAIR G. MASON, Sale Mgr., Box 243, MARSHALLTOWN, IOWA
Auctioneers: J. E. Halsey and C. G. Mason
BANQUET and Business Meeting, Tallcorn Hotel, May 18th at 7:00 P. M.
Everyone cordially invited.

Wisconsin Hereford Breeders'
Spring Sale--May 22

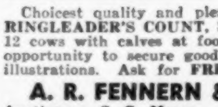


(University Pavilion)
MADISON, WISCONSIN
20 GOOD BULLS—25 CHOICE FEMALES

Again the Wisconsin Breeders offer buyers the opportunity to purchase more quality for their money than at any other sales point of the season. Wisconsin **HEREFORDS** have consistently made pleasing returns for their new owners—this will again be true May 22. The 20 bulls are mostly ready for heavy service. Excellent herd bull prospects and bulls to fill every need. The 25 females range from 1 yr. old to bred heifers. They will surpass the outstanding offering of last fall, including some show heifers! The best of popular blood lines. Plan now to attend. Ask for **FREE** catalog, mentioning this paper. Address

HOMER GRABER, Secy., MINERAL POINT, WIS.
M. W. Boney, Fieldman

FENNERN'S PRODUCTION SALE
MODERN BEEF TYPE SHORTHORNS



In comfortable Marshalltown livestock pavilion

Marshalltown, Tues., May 27

40 HEAD

Choicest quality and pleasing blood lines. **9 splendid herd bull prospects, 5 are by RINGLEADER'S COUNT, 3 by THISTLE AGAIN and one by ACCENT BROWNDALE. 12 cows with calves at foot and rebred, 16 cows and heifers, and 3 open heifers. An opportunity to secure good MODERN SHORTHORNS. See next issue for details and illustrations. Ask for FREE illustrated catalog. Please mention this publication.**

A. R. FENNERN & SONS, GARRISON and VINTON, IOWA
Auctioneer, C. G. Mason J. E. Halsey, Fieldman

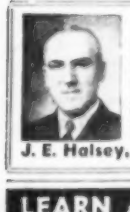
DAISY Cattle Markers

IMMEDIATE DELIVERY, POSTPAID
No. 21—Adjustable neck chain. Numbered both sides. $11.50 per doz.
No. 17—Horn Chain. $8.00 per doz.
Sample mailed for $1.00—Write for folder.
GOLDEN ARROW FARMS
Dept. 25, Box 7 Huntington, Indiana

LIVESTOCK FOR SALE
BELGIAN STALLION
Four-year-old. Also Belgian and Percheron colts.
DAIRY BULLS
Calves from 2 to 8 months of age of the Holstein, Guernsey, Jersey, Brown Swiss and Ayrshire breeds.
Animal Husbandry Department
IOWA STATE COLLEGE, AMES, IOWA

110 WALKING HORSES
PLEASURE AND SHOW MARES
GELDINGS, STALLIONS AND COLTS
Write for Illustrated Catalog
BAILEY EVANS • Shelbyville, Tenn.

JOE SHAVER
Omaha, Neb.
LIVE STOCK AND LAND AUCTIONEER
Posted on all the breeds. Have sold for many of the most noted breeders in the middle-west. Write me for dates. Address
JOE SHAVER
3926 Farnam St., Omaha, Neb.



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BULL AND HEIFER CALVES
Beautiful Holstein, Swiss and Guernsey bull and heifer calves. Registered and grades. Good breeding. Reasonable. Will ship on approval.
J. M. McFarland, Watertown, Wis.

DAIRY CATTLE
Full blood and high grade Jersey, Holstein, Guernsey and Shorthorn heifers, 1-3 weeks, shipped C.O.D. subject approval, $25.00. Also yearlings and springers.
MIDWEST CATTLE COMPANY
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HEREFORDS
REGISTERED HEREFORDS
Leading blood lines, lots to suit.
High Grade JERSEYS.
SHAWNEE CATTLE CO. DALLAS, TEXAS

GUERNSEYS
BUILDING A BETTER INCOME
Your success is based on knowing good producing dairy type. The folder, "A Standard of Excellence", includes 21 color photographs, to help you select high producing animals. Send today for your FREE copy.
THE AMERICAN GUERNSEY CATTLE CLUB
746 Grove Street, Peterborough, New Hampshire

GUERNSEYS
OAKLAND GUERNSEY FARM, MUKWONAGO, WIS., offers 5 to 30 1-month-old Guernsey heifer calves at $35 each, delivered on approval. Also older heifers.

WISCONSIN GUERNSEYS
Month old heifer calves. Production bred—good color—satisfaction guaranteed. $35.00 each, C.O.D. on approval. All express charges prepaid. Order from this ad. CHANDLER DAIRY FARM, LAKE GENEVA, WIS.

HOLSTEINS
HOLSTEINS
Offering 5 to 30 high grade Holstein heifer calves, 1 month old at $35 each delivered. Also a few Brown Swiss.
H. R. LORDELL MUKWONAGO, WIS.

FEED BOW-KEY FEED
DES MOINES • • • • • IOWA

BUY BONDS AND STAMPS TODAY !!

Livestock News

A large crowd was in attendance at the Southeastern Iowa Polled Hereford show and sale, at Oskaloosa, April 9. J. C. Holbert, Washington, Iowa, turned in his usual fine job of placing the cattle in the show that preceded the sale. The 34 bulls averaged $302. The top was the champion, Lot 1, Buster Bullion Jr., consigned by Calvin Cruzen, New Sharon, Iowa, and bought by Kessler Bros., Solon, Iowa, for $850. C. M. Henery Ohrt, Garwin, Iowa, paid $675 for Lot 25, an April, 1946, bull consigned by F. I. & R. K. McCreary, Mt. Ayr, Iowa. Vance Domino 7th, August, 1945, bull, consigned by Krug Bros., Atkins, Iowa, sold to John B. Jansen, Wellsburg, Iowa, for $600. The top in the females was also the champion, Lot 24, Jewel Domino, consigned by N. M. Leonard & Son, Waukee, Iowa, and purchased by O. S. Wilson, Canton, Mo. Fluffy Domino, an April, 1946, heifer, consigned by Wm. Van Heukelom, of Leighton, Iowa, sold for $510 to Ralph Painter, Monmouth, Ill. The 33 females averaged $306, and the general average on the 67 lots was $304. Auctioneer, Guy Pettit.

The Red Poll sale of Harold Smith, Rea, Mo., and Jerry B. Vyerstik, Weatherby, Mo., March 31, was very satisfactory. The top cow went at $305, with a general average of about $200.

HOLSTEINS
MORE OF EVERYTHING
More milk, more total butterfat, more true Vitamin A per unit of fat give Holsteins top place. Also, they have greater feed capacity, allowing consumption of large amounts of home-grown roughages... And their calves are "born to live," weighing more, to bring higher prices for veal, or to grow into stronger herd replacements. More of everything!

FREE ILLUSTRATED HOLSTEIN JUDGING MANUAL. WRITE
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HOLSTEIN AND GUERNSEY
HEIFERS
All ages. Some bred. Good breeding. Sold on approval.
JAMES E. WELCH MUKWONAGO, WIS.

CHOICE HEIFER CALVES
from high production cows. Holstein and Guernseys. $33.00 plus express.
GREENWALD BROS.
Oakland Dairy Farms Mukwonago, Wisconsin

JERSEYS
JERSEY BULLS
Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs.
J. J. NEWLIN
Polk County Johnston, Iowa

GOLDEN SUNSET JERSEYS
A few extra choice bull calves for sale. Grandsons of Xenia Sparkling Standard. Simply Sybil Gambage, Golden Dreamer, and other leading sires. Free list.
ENNIS STOCK & DAIRY FARM, FESTUS, MO.

DON'T BUY A JERSEY BULL
Until you have visited
ARMAN'S JERSEYS
R. R. No. 2 DES MOINES Tel. 6-8446
½ mile east city limits on Easton

ABERDEEN ANGUS
Aberdeen-Angus....
It's Beef That Counts!

These hornless, black cattle are unsurpassed as producers of superior beef carcasses and high dressing percentages. Angus carcasses have won 95 per cent of the Chicago International grand championships competing with all breeds. Write for free literature.
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REGISTERED ANGUS
COWS — HEIFERS — BULLS
Choice Breeding
WALTER ENGLAND CLEARFIELD, IOWA

CHOICE ANGUS BULLS
FOR SALE
I am now offering 12 very choice Angus bulls for sale, sired by Barb Joe 5th, and they are good. Good individuals, best of breeding. I want you to see them.
ELMER J. JOHNSON KIRON, IOWA

10 REGISTERED ANGUS BULLS—Top breeding and quality. Farmer prices. 5 Imp. Canadian Registered Angus Show Bulls. Good enough for any registered herd. Very reasonable. These bulls are all ready for service. Also 10 Registered Imported Canadian Bred Angus Cows, at bargain prices.
EDMOND M. STONE & SONS, CHARITON, IA.

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REGISTERED HEREFORDS
A fine lot of Heifers and Bulls. Choice breeding, pleasing in type and quality. Priced reasonable.
JOHN DITTMER & SONS
LACONA, IOWA

HEREFORD BULLS
31 Registered Bulls of leading blood lines. Many ready for service. Reasonable.
DAN MEYER & SONS
FT. ATKINSON - - IOWA

POLLED HEREFORDS
POLLED HEREFORDS
Offering several grandsons of Noted HAZFORD RUPERT 81st, International grand champion and sire of champions. Quality and breeding. Reasonable prices.
WM. McARTHUR & SON, MASON CITY, IOWA

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A NAME YOU CAN TRUST IN FEEDS!
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MILKING SHORTHORNS
Milking Shorthorn Cattle
Established 1892. Breeding Herds in Rock County, Wisconsin.
We offer quality young bulls from high producing RECORD OF MERIT Dams. Bulls serviceable age and calves. Visit herd—it speaks for itself in production and conformation. REASONABLE.
R. W. LAMB & SON
JANESVILLE, Route 1 WISCONSIN

POLLED SHORTHORNS
Polled Shorthorn Bulls
Choice bulls by CORONET ROYALIST, a Thieman bred sire. They are 12 to 16 months old, thick and nice. Priced to sell.
A. L. DUNHAM & SON DUNLAP, IOWA

Polled Shorthorn Heifers
Four Registered Polled Shorthorn Heifers sired by Coronet's Impression 2nd to calve in May. Bangs vaccinated.
VERNES FARRELL EMMETSBURG, IOWA

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...It Pays to Raise **BERKSHIRES** ...BRED FOR MEAT...
★ CAR LOT ★ CARCASS
Champions, '46 International
. . . They top the market every year. Have more of the high priced cuts. Berks give you cheaper gains too — Make best use of pastures. Consume less grain per 100 lb. gain, as shown in College tests.
Champions in great Indiana ton-litter contest. Berkshire sows farrow and raise large litters. Gentle mothers. Easier to handle. Insure your hog profits, get meaty, market-topping Berkshires now.
Write for free booklet and names of breeders near you.
Subscribe for monthly breed magazine—Berkshire News, $1 per year.

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SPRINGFIELD - ILLINOIS

FALL BERKSHIRE
MALE HOGS
Ready for service, weighing 51 lbs. at 56 days of age. Also some that will be ready for service for May and June.
WHITE ACRE FARM SULLY, IOWA

REGISTERED BERKSHIRES
Sired by Champions out of Champions. SHORT HEADED, low down, feeder type. 200 all ages. Large litters. Special Offer to 4-H, F.F.A.
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FALL BOARS
Well grown, healthy, immune and guaranteed.
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DUROC JERSEYS
Duroc Fall Boars and Gilts
Good color, good bone, good stuff. All can be registered. Sired by PROFIT MAKER 196103, ROCKET 265825, 4 miles west of town on No. 20 and 1 mile south and one-half mile west on gravel.
SAM ROBERTS & SONS JEFFERSON, IOWA

HAMPSHIRES
HAMPSHIRE FALL BOARS
FOR SALE
We are offering 10 mighty good fall Hampshire boars for sale. Good enough to head herds. Priced to sell. Write us or phone us at once.
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We are now offering
PUREBRED HAMPSHIRE FALL BOARS AND OPEN GILTS FOR SALE
These are sired by Phil's REAL MODEL 337529, a grandson of PRIVATE TRUST and MARY KAY. These are large, rugged, well balanced pigs that are prospects of real herd sires. Priced for quick sale.
Phone Blencoe 6-F-13 or write
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HEREFORD HOGS
NEW! DIFFERENT! DISTINCTIVE MARKINGS!
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VALEHURST FARMS, PEORIA, ILL.

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CHOICELY BRED
POLAND CHINA FALL BOARS
I am now offering some of the best fall boars I have ever raised, sired by my noted herd boars and out of my best brood sows. Address
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SPOTTED POLAND CHINA
Fall boars and fall gilts for sale. These are good quality pigs, sired by the best of boars and out of quality sows. Will ship C.O.D. Write me at once. Address
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FALL BOARS
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Coming Livestock Sales

ABERDEEN ANGUS

May 7—Lamoine Valley Assn., Macomb, Ill.; Bruce Bricker, Mgr.
May 8—Southeast Iowa Breeders Assn., Mount Pleasant, Iowa; Dan Cash, Mgr.
May 9—Harrison County Breeders Assn., Bethany, Mo.; C. H. Thompson, Mgr., Hatfield, Mo.
May 12—J. F. McKenny, King City, Mo., and M. L. McCrea, Mayesville, Mo.; sale at Maryville, Mo.
May 13—Joe and Marshall Krotz, Odell, Neb., and Senatz Bros., Everest, Kan.; sale at Maryville, Kan.
May 19—Tall Corn Assn., Marshalltown, Iowa; C. G. Mason, Secy.
May 23—Chas. Rundell & Son, Elpaso, Ill.
May 23—Southwestern Wisconsin Assn., Lancaster, Wis.; J. C. Perrin, Sale Mgr., Bloomington, Wis.
May 28—Hoelscher Bros., Arcadia, Iowa; sale at Carroll, Iowa.
June 4—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Secy.
June 7—L. R. Morford, Iowa City, Iowa, and H. C. Meredith, Searsboro, Iowa.
June 9—Wayland Hopley & Sons, Atlantic, Iowa.
June 10—South-Central Iowa Assn., Oskaloosa, Iowa; Clyde A. Hanna, Secy., New Sharon, Ia.
June 11—Harken Farms, Osceola, Iowa.
June 17—Central Illinois Breeders, Congerville, Ill.; S. E. Lantz, Secy.
June 18—Eastern Iowa Breeders, Davenport, Iowa; Oliver A. Hansen, Mgr., Durant, Iowa.
Oct. 2—Botna Valley and Shelby County Assn., at South Omaha, Neb.; E. J. Baker, Mgr., Exira, Iowa.

HEREFORDS

May 22—Wisconsin Hereford Assn., Madison, Wis.; Homer Graber, Sale Mgr., Mineral Point, Wis.
May 26—Chas. Bianchi, Owner, Macon, Mo.
May 27—Bluegrass Breeders Assn., Albia, Iowa; Ole Hazen, Mgr., Ottumwa, Iowa.
May 29—Thurlow Bros., LeRoy, Iowa.
June 2—Bones Stock Farm, Parker, S. D.
June 3—Minnesota Assn. Show and Sale, Worthington, Minn.; Roland H. Abraham, Secy., Lakefield, Minn.
June 12—North Iowa Assn., Mason City, Iowa; Leigh R. Curran, Mgr.
Sept 15—Circle A Hereford Farm, Morris, Ill.
Sept 30—Oscar C. Sevig, Walford, Iowa.
Oct 14—Reed and Hayden sale, at Orient, Iowa; T. M. Hayden, Mgr., Creston, Iowa.

POLLED HEREFORDS

June 12—North Iowa Assn., Mason City, Iowa; Leigh R. Curran, Mgr.

RED POLLS

June 6—Breeders Sale, Austin, Minn.
June 6—Upper Midwest Red Poll Breeders Sale, Austin, Minn.; A. L. Harvey, Sale Chairman, New Prague, Minn.

SHORTHORNS

May 5-6—Sioux Empire Shorthorn Club, Sioux Falls, S. D.
May 26—South-Central Iowa Breeders, Knoxville, Iowa; J. M. Davis, Secy.
May 27—A. R. Fennern & Sons, Garrison, Iowa; sale at Marshalltown, Iowa.
May 30-31—Sni-A-Bar Farms, Dispersion, Grain Valley, Mo.; Merv F. Aegerter, Sale Mgr., Seward, Neb.
June 2—Edellyn Farms, Wilson, Ill.
June 5—Minnesota State Sale, Mankato, Minn.; Fred Geisler, Secy., Blue Earth, Minn.
June 11—W. A. Cochel, Kansas City, Mo., and Bellows Bros., Maryville, Mo.
June 13—Lester Tomlinson & Sons, Traer, Iowa; Ellis Stavely & Son, Reinbeck, Iowa, and A. F. Schulz, Cedar Falls, Iowa.
June 21—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
June 24—Ned Johnson, Dispersion, Welcome, Minn.; Merv Aegerter, Mgr., Seward, Neb.

MILKING SHORTHORNS

June 28—Breeders Sale, Mason City, Iowa; Roy A. Cook, Mgr., Independence, Iowa.

POLLED SHORTHORNS

May 5—Dispersion Sale, R. A. Lidel, Wentworth, South Dakota.
May 24—Minnesota State Sale, Slayton, Minn.; M. W. Bassett, Mgr., Rushville, Minn.
June 6-7—National Polled Shorthorn Congress, Lexington, Ky.

DAIRY CATTLE

May 14-15—Neshaminy Farms Ayrshire Dispersal, Newton, Pa.; Frank V. Lile, Sale Mgr., Bellfontaine, Ohio.
May 24—Wildwood Farm, Shawano, Wis.; Chas. L. Hill, Mgr., Rosendale, Wis.

SHEEP

June 23—W. F. Renk & Sons, Sun Prairie, Wis.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska. Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.

We publish the first and third Saturday of every month. Copy for livestock advertising must reach our office 15 days before date of issue.

Livestock News

The first production sale of Aberdeen-Angus cattle, at Silver Top Farms, Belton, Mo., on Monday, April 14, attracted the best cattle men from a wide section and many states. The far east to the deep south, the north and west were all there. Roy C. Johnston, a leading Angus auctioneer, is an owner, with his two brothers, of Silver Top Farms. The top of the sale, Blackcap Bessie 35th of Ada, by Imp. Penn of Mount Anna, sold for $2,500 to Penney & James, Hamilton, Mo. They paid $2,800 for another, Blackcap Bessie 36th of Ada, by the same sire. Blackcap Bessie 33d of Ada went to F. R. and T. A. Bradley, Avon, Ill. The imported heifer, Jacinthe of Silver Top, sold for $2,500 to McWhorter & Shoemaker, Aledo, Ill. The five Bessies in the sale averaged $2,575; the two Missouri Barbarras made $1,500 each, with three Georginas at $1,358 each and four Jilts at $1,190 each. The four Witch of Endors went at $960 each and three Juana Ericas averaged $912 each. The demand for bulls was not strong, with Erica's Monarch of Silver Top selling for the highest price, which was only $300, and he went to Dessendorf Farm, Lees Summit, Mo. The 39 females averaged $824, with seven bulls at $248.50 each, and the 76 lots sold for $58,605, a general average of $771 each. Cattle went to buyers in eight states, namely, Iowa, Missouri, Kansas, Illinois, Ohio, Oklahoma, Texas and Kentucky. Auctioneer Ray Simms sold the females and turned in a good sale. Paul Good sold the bulls, which were slow and hard to dispose of.

An Error

We erroneously reported the top bull in the Iowa Hereford Association sale at Sioux City, March 17, as being consigned by Wallace Shirley & Sons. The top bull was Domino Stanway K. 1st, consigned by H. L. & M. D. Kratochvil, Hawarden, Iowa, who own a very fine herd. We deeply regret this error.

Around the Farm AND IN THE Feed Lot

by HOWARD MARSHALL

ONE OF THE PLEASURES of spring is the new life so evident on all sides. The green hills and fields; the young pigs and lambs; the warm sun and growing crops are all part of the picture which provides new courage to meet the countless challenges lying ahead. The slow start of last month was one of those challenges. Yet it was not insurmountable. It merely meant rolling up our sleeves and tackling the problem with all our might and forethought.

THE SPRING SEASON brings with it headaches as well as pleasures. And one of those headaches is flies. Efficient fly control can add pounds to beef cattle and gallons of milk to the dairy record. Swat the first pair of flies you see, and then tell the neighbors you've destroyed a potential horde of 191 septillion flies for the season. That's 191 followed by 18 zeros. And that's a lot of flies anyway you look at it.

TIME SPENT RIDIN' the planter might well be used to take stock of nature's soil bank. But close analysis would likely show this resource greatly overdrawn. Erosion has touched 80 per cent of all farm land to some degree, and over half has been seriously damaged. Adoption of soil conserving practices is our only salvation, but making our land safe for the future is a 20-year job under the best of conditions. Yes, sir, we've a real challenge to think about.

WE HAVE A REAL challenge, too, in slowing down losses in the pig lot. More attention must be given from here on out, because early losses have been heavier than usual. When it comes to feeding well balanced rations as a means of producing a lot of pork, Ralph Hibbs has many boosters for Walnut Grove in Page county, Iowa. They include H. A. McCoy, H. H. and Irwin Bloom, Carroll Ingram, Walter Wellhausen, Harry and Floyd Neal and Ed Williams.

DAIRY FARMERS generally notice a drop in butterfat tests along about this time of the year, and some may even blame the buttermaker, but here's what happens: Butterfat tests go up when the weather gets cold, and they come down when it warms up. That's why there is such a variation from day to day in the spring and fall. Irregular milking is another cause. And another factor is the sudden change in feeding practices.

ALMOST EVERY FARMER has his own system for planting corn, but the Iowa Agriculturual Experiment Station has proof that on good land, well fertilized, more corn could be grown by planting more kernels per acre. Tests show that an extra stalk per hill increased yields 8 to 16 bushels to the acre. Granted added moisture and fertility, agronomists say the best yields come from fields planted four and five kernels to the hill.

BANK PRESIDENTS make top-notch farmers in many sections of Iowa, but few can match the enthusiasm and sound thinking of Herman Meyer, who farms about a half-section with his brother, Art, in the Melbourne community. They raise purebred Hampshire hogs and Aberdeen-Angus cattle, and are known for their good sales. Walnut Grove Minerals have been fed for over 10 years. John McMahon, of Laurel, is the representative in this territory.

THE INCREASE in the number of cattle on feed in the midwest is equivalent to 200,000 head over last spring, but we're still short about 150,000, compared to 1945. The percentage increase is greatest in Missouri, but Iowa, Wisconsin, Illinois and South Dakota farmers are well above the average for all corn belt states. Meantime, marketing intentions indicate a slightly smaller number of cattle than usual will be sold before July 1.

THERE HAS BEEN a steady upward trend in the total number of cattle, but the per capita production has had a decline. In 1904, when the United States reached a peak in cattle numbers, there were 83 head of cattle for every 100 persons. Today, this figure has dropped down to 71 head. The trend reflects a reduction in the per capita consumption of beef, but this has been offset somewhat by a greater beef production per animal.

PRODUCTION CYCLES are due largely to a tendency to act on the basis of present and recent prices, rather than on probable future prices. High prices encourage new producers to enter the field and old-timers to expand. As the supply increases, prices go down and feeders liquidate their herds because other kinds of production are more profitable. And so we see the cycle swing back the other way.

FROM THE STANDPOINT of supply and demand, it looks like the man who takes care of his pigs this spring will be well repaid for his work. Yet, many feeders are emphasizing efficiency, especially in their feeding practices. And that's a practice which is very evident in Osceola county, where our users number Albert Dirks, Herbert McLean, Leonard Schweder, Emil Hein, Loda Reicks, Carl Wacker and Richard Phillips, among others. Wm. Winter, of Ocheyedan, is our serviceman.

A QUICK WAY to the hospital is often demonstrated by driving a tractor too close to the edge of a ditch or by failing to keep the engine throttled down. Jumping off a tractor while it is in motion is another way of inviting an accident. And careless parents who permit youngsters to ride with them on tractors or trailing implements are not thinking very seriously of the children's lives.

FARM ACCIDENTS will spell tragedy for many families before the summer is over. And it wouldn't be out of line to suspect that many mishaps will result from carelessness around the two million tractors now in operation in this country. The Safety Council says half of all machinery accidents involve a tractor. Principal causes are overturning, falls, unguarded power take-offs, fires and fumes. The operator could be blamed for most of these, too.

SUGGESTIONS given Howard county, Iowa, farmers by our Walnut Grove representative, W. J. Steiger, of Riceville, have proven very helpful to livestock feeders in that part of the state. Among others balancing home-grown grains with our complete mineral are John Rossman, Andrew Christiansen, Howard Niedert, Chas. Bethke, Earl Marr, Wesley Shell and Robert Buttolph.

WISE MANAGEMENT is going to be very important to get the most out of the big feed supply we now have on hand. The amount of corn and other grain on midwest farms is twice the amount we had available 12 months ago. As a matter of fact, the world supply of corn is the greatest ever produced, even though North America and Asia are the only continents above the average. In the United States we produce 60 per cent of the world's corn yield.

WE GET A KICK out of the countless number of amazing inventions. But here is one that takes the cake. By adding certain chemicals to ordinary water, you get what they call "wet" water. It is called by this name because it soaks in faster. It's extremely valuable in fighting fires. But it rusts metal very fast. Still, if you've got a fire in the haymow, you can stand a little rust if it means getting the blaze out quickly.

Livestock News

The Central Illinois Angus Association annual spring sale, at Congerville, Ill., April 11, under the able management of Simon E. Lantz, was successful. The top bull, Eileenmere F. 29th, was consigned by Fred S. Frye & Sons and sold for $875 to R. J. Dickinson, Eureka, Ill. Glenside Bell Boy 24th, consigned by J. Coder Hamilton, Good Hope, Ill., sold for $685 to John Hallett, Blackstone, Ill. Black Idea, from the C. J. Martin herd, went at $600 to Owen Shirts, El Paso, Ill. Blackcap Revelation M. 5th, a W. H. Mummest entry, sold for $600 to Leo O'Connell, La Salle, Ill. The top female, Georgia of Blau-Velt, a J. Coder Hamilton heifer, sold for $670 to Glen Morgan, Aledo, Ill. Eileenmere Bell of Morton sold for $650 to Voorhies Farm, Fairmont, Ill. Queen Broxera went at $610 to J. Doscher, of Foosland, Ill. Barbara Ann Z. sold for $505 to V. C. Swigert, Clinton, Ill. The 20 bulls averaged $469.25, with 39 females at $296 each, and the 119 lots brought $38,725, a general average of $325. Auctioneers, Ham James and Simms.

The Angus sale of Walter and J. R. Wilkinson, at Evergreen Farm, Marshalltown, Iowa, April 21, drew a fine day and many were in the fields, with the result that a small crowd attended the sale. A fine offering of well-bred cattle of the proper type was presented, and buyers secured excellent values. The two-year-old bull, Revocap M., a grandson of Prince Evident of Sunbeam, sold for $1,250 to H. P. Wilkinson, Mitchellville, Iowa. Mercermere, a five-year-old, sold for $575 to L. V. Robinson, Reinbeck, Iowa. Effimerian sold for $500 to A. J. Bergt, Schuyler, Neb. Evergreen Mercermere W. 223d sold for $525 to Albert P. Smith, New Sharon, Iowa. D. Costello, Blue Springs, Neb., purchased 12 bulls in the auction. Evergreen Eileen W. 358th, a three-year-old female, sold for $450 to G. A. Morgan & Sons, Aledo, Ill. Evergreen Erica W. 378th, a two-year-old, sold for $500 to Frank Reihl, Dana, Iowa. The 25 bulls averaged $367, with 45 females at $264 each, and the 70 lots made a general average of $301. Owing to the illness of Auctioneer Roy Johnston, Ray Simms cried the sale.

The Hereford hog sale of Harold C. Long & Son, at Sac City, Iowa, was well attended, and they sold 50 head at an average of $75 per head. They had a nice offering, and, while the average was not high, yet, when you consider this is practically a new breed, it was not bad, considering the weather conditions at that time. We are reporting those selling at $100 and above. The top was No. 60, a fall gilt, and she went to George Munch, Wood Lake, Minn., at $145; No. 56, Arthur Krause, Walnut Grove, Minn., $130; 64, Kment, Howells, Neb., $120.; 66, Henry Roth, Schubert, Neb., $132.50; 57, Albert Renkley, Blue Earth, Minn., $112.50; 63, Chester Hatch, Sac City, Iowa, $110; 17, Glen Babcock, Utica, Minn., $100; 10, Holgar Lindgren, Marcus, Iowa, $102.50; 1, Haacks, Altura, Minn., $112.50; 49, John Schulte, Norway, Iowa, $110; 61, Harry Haacks, $120; 50, Robert Johnson, Castana, Iowa, $130; 59, John Kment, Howells, Neb., $120; 51, Harry Haacks, Altura, Minn., $110; 2, Harold Henderson, Paullina, Iowa, $105; 38, $100, 30, $135, Dalton Rehder, Sutherland, Iowa; 24, Halgaard Lindgren, Marcus, Iowa, $100.

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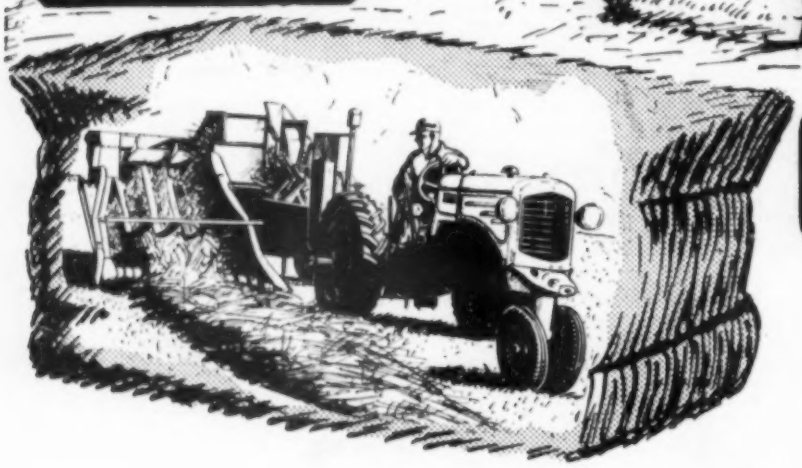

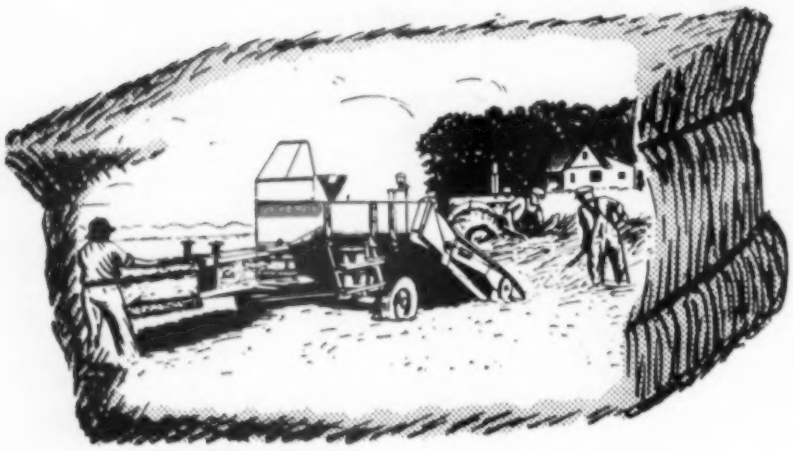

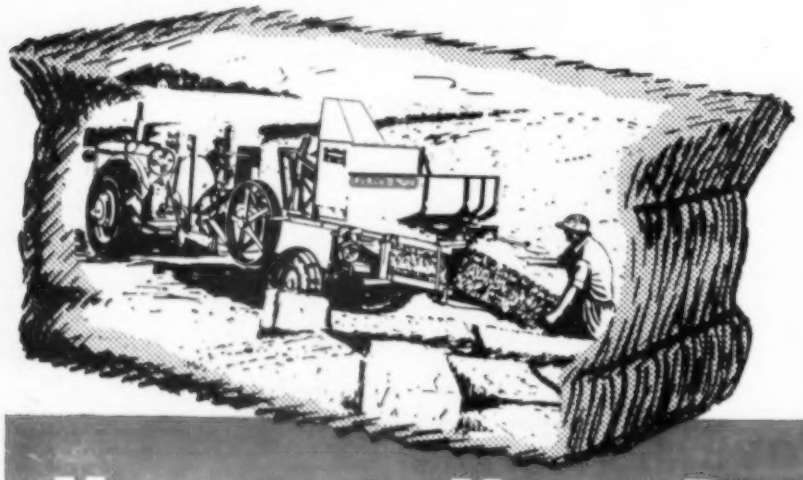

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Bale chamber, plunger and packer head and arms are all of steel welded construction. Knife steel sheer blade assures easy separation of uniform layers of hay. Hardened cut steel plunger and counter shaft drive gears run in enclosed oil bath. Roller chain driven drive shafts turn on roller bearings or bronze bushings and are equipped with safety spring release clutches. The light draft Bale-O-Matic is mounted on pneumatic wheels and is powered by a 4 cylinder "V" type air cooled engine.

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